

Summary on Theme 3 Digital Citizenship

Lesson 1



William Tyner

» William Tyner is a:

1. Cultural anthropologist. 2. Technologist. 3. Filmmaker.

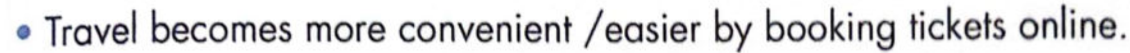
- Using technology in a positive way helps people become successful digital citizens.



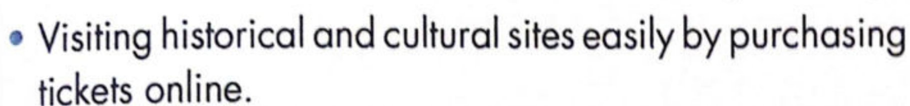
- Digital communication is important to:



a. Exchange opinions. b. Build good relationships.



- Travel becomes more convenient /easier by booking tickets online.



- Visiting historical and cultural sites easily by purchasing tickets online.
- The EKB website provides a wealth of information on different subjects.



Lesson 2

» Digital Citizenship: It is the ability to use digital technology ethically, responsibly, and safely.

» Digital Footprint: It is a record of what you do online.

» Piracy: It is the illegal circulation of content to be shared or sold to others.

Rights	Responsibilities
1. No one can copy or share your digital footprint without your consent.	1. Never commit piracy for protected content.
2. Engage with others online.	2. Show positive behavior online.
3. Provide and access information and entertainment online.	3. Evaluate what you're viewing or sharing.
4. Use the internet anytime.	4. Evaluate how you're using the internet.

How to be a good digital citizen?

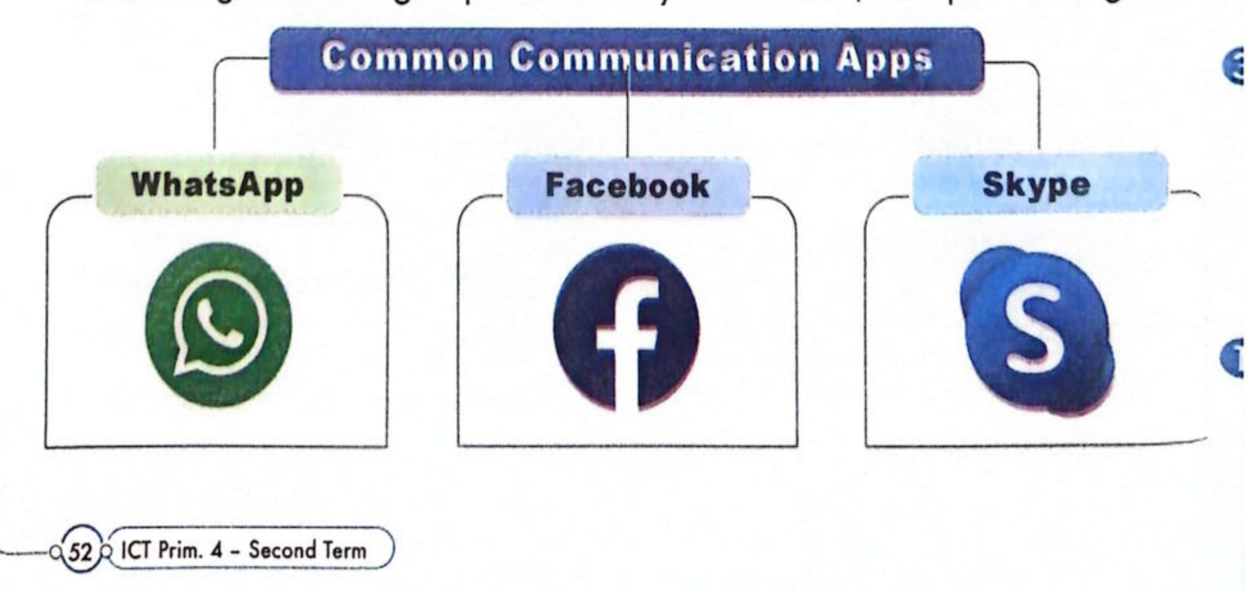
1. Be ethical and responsible	2. Stay safe online
» Treat others online with respect. » Credit sources of information. » Respect intellectual property rights.	» Set strong passwords for your accounts. » Choose websites you visit wisely. » Use updated software. » Respect the law. » Monitor online screen time.

Lesson 3

- The EKB is a digital library that provides free access for Egyptian citizens.
- The EKB holds webinars on how to register on EKB and use it.
- Digital devices help non-verbal people in communication and learning languages.

» Digital devices, such as smartphones, tablets, and laptops.

- You can use video-sharing platforms to learn or teach new things.
- You can socialize online by:
  1. Working with classmates outside of school on a project.
  2. Video chatting with your friends.
  3. Joining an online group that shares your interests, like sports and games.





Lesson 4

Synchronous Communication	Asynchronous Communication
It is exchanging information between people at the same time (simultaneously).	It is exchanging information between people that does not necessarily at the same time.
It occurs in real time.	It does not require an instant response.
It involves instant (immediate) response.	
	
1 Video chats	1 Sending a file via email.
2 Live television shows	2 Recording educational programs.
2 Instant chat rooms	

1- Synchronous Communication

1. Video Chats:
   - They allow you to communicate live with one or more people.
2. Instant Messaging (IM):
   - It allows you to send messages using the internet.
   - Messages could include just text, or pictures, or videos..



3. Chat Rooms:
   - These allow you to communicate in a group that usually focuses on one particular subject.

2- Asynchronous Communication

1. Email:
   - It allows you to send and receive messages.
   - It is more formal than (IM).

2 Cell Phone Applications:

- They run on your mobile device.
- Some applications are pre-installed on your mobile device.
- Others need to be downloaded.



Lesson 5

1 Making Video Chat:

- To start a video chat, create a link and send it to the participants.
- To join a video chat, click the link and wait to be "let in" by the person who started the video chat.
- You can also mute your microphone or turn off your camera at any time.
- If your camera is ON, anyone in video chat can see you.
- Be properly dressed and behave as if in a public place.

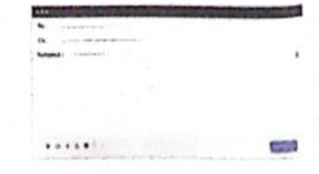
2 Chat Rooms:

- You can send messages and reply to others' messages.
- Be properly dressed and behave as if in a public place.
- Anyone who has access to the chat room will be able to read your messages.

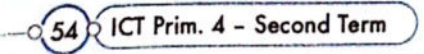
3 Instant Messaging:

- After typing your message, the last step is clicking on the "Send" icon.
- Instant messaging is a fun, casual (informal) way to communicate.

4 Email:



- Email is commonly used in more formal situations, such as creating an account on the EKB.
- In the "To:" field, type the email address of your friend.
- In the "Subject" line provide clear information on the title of the email.
- Use greetings and endings.
- You can send an attachment, be sure it is safe and accurate.



Lesson 6

- Online learning environments, such as Edmodo.
- They allow teachers and students to communicate.
- Teachers can provide virtual lessons, quizzes, and homework.
- Students can message teachers and submit assignments online.

1. Egyptian Knowledge Bank (EKB):
   - It is the first online library in Egypt that contains a variety of resources.



2. Vlaby:
   - It is a virtual lab platform.
   - It enables students and teachers to do lab experiments.



3. National Geographic Kids:
   - A popular online source for kids to find information on a variety of subjects, such as animals, science, history, and geography.



4. Mapmaker Interactive:
   - A special interactive feature delivered by National Geographic.
   - It provides online mapping tools for students and teachers.
   - Mapmaker Interactive is one of the safest sites for research and data collection.

Lesson 7

- It's important to plan before conducting a digital search.

1. Choose your search topic.
2. Choose the types of online sources you will use.
3. Evaluate the selected sources.

SUMMARY on Theme 3

a Reliable Sources:

- They are pieces of information written and verified by experts.
- The information that is presented in a professional fashion.
- They are well-written, without grammar or spelling mistakes.

b Unreliable Sources:

- The information that is presented in a professional fashion.
- They are information full of opinions, errors, and even lies, such as:
  1. Wiki pages
  2. Blogs
  3. Social media sites, such as Facebook
- Stay focused on the topic you're researching.
- Credit the sources in your report.
- Finally, write an outline that includes an introduction, supporting paragraphs, and a conclusion.

Lesson 8

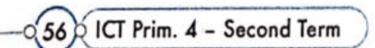
Synchronous communication is appropriate:

- Between friends or close family members.
- When the information is urgent or needs to be transmitted quickly.
- When the information is about day-to-day matters
- When an answer does not require very much thought or preparation.

Asynchronous communication is appropriate:

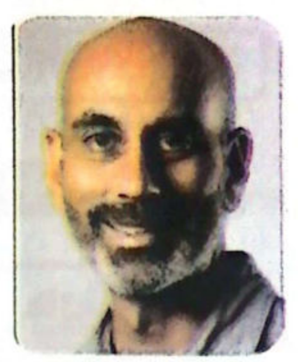
- Between people who do not know each other well.
- When the information is important but not urgent.
- When the information is about sensitive or complex matters.
- When an answer requires thought and preparation.

» Online learning environments include synchronous and asynchronous methods of communication.



Summary On Theme 4 Software Projects

Lesson 1


Gautam Shah

- **Gautam Shah** is the founder of 'Internet of Elephants' organization.
- He worked as an IT specialist in many countries.
- Gautam Shah set up the Internet of Elephants to use technology and online games for wildlife conservation.
- **Wildlife conservation:** It is protecting animals in their natural habitats.
- Internet of Elephants creates unique mobile games using augmented reality and data visualization.
- Augmented reality allows you to virtually see real-world environments and provides information about them through screens and digital tools designed for this purpose.

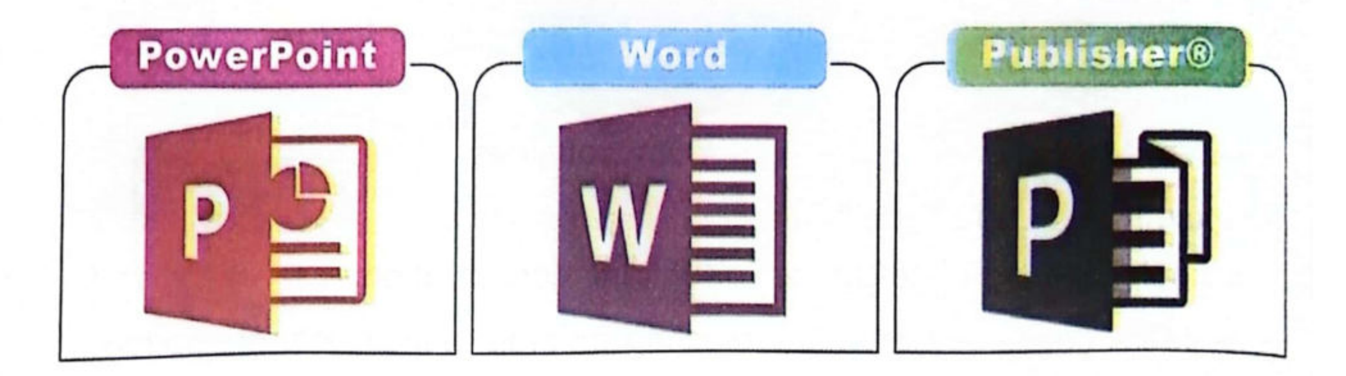
Lesson 2

- There are common steps that you can take to solve problems:
  1. Construct a hypothesis:
     - A hypothesis is an educated guess about how things work.
     - Constructing a hypothesis is an attempt to answer your question with an explanation that can be tested.
  2. Test your hypothesis:
     - Do not conduct any tests that are not safe!
  3. Check if your test is successful or not:
     - Break down the complex problem into small sections, then solve it step-by-step.
     - If you have a group of people solving a problem, assign each person a section.



Lesson 3

Microsoft 365 includes different options, such as



1. A margin:
   - It is the space left around the edges of your poster or billboard.
   - A 25-mm margin will help design a good poster.
2. Font size:
   - If you choose a small font size, your audience will strain to read the information.
   - If you choose a too-large font size, you'll have to limit the amount of information.
3. Font type:
   - Sometimes, simple fonts are better.
   - A complicated or decorative font is distracting and hard to read.
4. Colors:
   - Choose no more than three colors, when designing a poster.
   - Use bold colors for information you want to emphasize.
5. Images:
   - Use clear, good-quality, and appropriate images to the content you are sharing.



Lesson 4

» **The explorer researches a topic from a variety of sources, such as:**

1. Prints: Books, articles, newspapers, and encyclopedias
2. Internet: Search engines, specialized websites, E-learning sites, and the EKB
3. Interviews: With people who have experience with or have studied the topic

» **MS Excel:**



- MS Excel is a common program for collecting information.
- Excel creates a spreadsheet with many columns and rows.
- Excel can add numbers automatically.

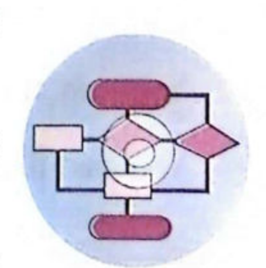
» **MS Word:**



- MS Word is most commonly used to write out what you want.
- You can link your report to websites or online information.
- You can change the design and add photos.

Lesson 5

» **Algorithm:** It's a series of steps that explain how to do a task.



- When you make a meal, you follow a recipe, that is a type of algorithm!
- When you type keywords, the search engine uses algorithms to provide results.
- Computers and applications use algorithms to perform specific tasks.

Lesson 6

- Coding: It's the writing of multiple algorithms to make a complete program.
  - Online animations, movies, and online games are created using coding!
  - Computers, like people, speak different languages.
  - There are many websites, like Code.org, that can help you learn to code.
  - You can create mazes on Code.org.



Lesson 7

- Microsoft Paint: It is a popular graphics editor that will help you create your own drawings or edit images on computers.



- To open Microsoft Paint, click on the Start-up Menu, then Accessories, then click on MS Paint.
- The top of the screen is like Word and Excel.
- Menu Bar: It includes options for opening, saving, and editing features.
- Toolbox: It includes tools that you need to make your drawing.
- You can cut a part of an image using the cropping tool.
- You can change the size or direction of the photo in MS paint.
- You can fill colors using the color options.
- Microsoft Word also offers graphic tools to create a graphic design.
- Click on the "Insert" menu bar to see the different options, such as: Shape, Icons, 3D Models and Smart Art.

Lesson 8

- You can use Microsoft PowerPoint to create presentations that include:

  1. Text
  2. Images
  3. Animations
  4. Special effects



- At the top of the PowerPoint screen, you will see a Menu Bar.
- Use this first slide to name the title and subtitle of your presentation.
- In the subtitle box, you can also include your name.
- A slide is a presentation page that contains text and images.
- On the left side of the screen, you will see a thumbnail or preview image of each slide you're creating.
- To choose the layout of each slide, click the "Layout " icon on the "Home" menu.
- **Design:** It includes background colors.
- **Draw:** It includes drawing tools.
- **Transitions:** It includes visual effects to use between each slide.
- **Animations:** It includes animated effects for each slide.
- **Slide Show:** It makes you decide how you'd like to present and time each slide.
- You can view the presentation by clicking the "View Show" icon or the F5 key on the keyboard.
- Avoid wordy paragraphs or sentences.
- Be sure to use a font size and style that are readable.
- Use relevant images instead of text whenever possible.

THEME 3 Quick Look

An hour before the Exam

تمكن من مراجعة منهجك في ساعة واحدة قبل الامتحان



Important Points

أهم النقاط في المحور الثالث

1 William Tyner and technology

- William Tyner is a cultural anthropologist, technologist, and filmmaker.
- He believes digital communication and helping people to connect with each other are important to exchange opinions and build good relationships.

2 Digital citizenship

- Be ethical and responsible by treating others online with respect.
- Stay safe online by setting strong passwords and choosing websites you visit wisely.

3 Internet communication

- You can use the internet to communicate synchronously and asynchronously.
- **Video chats:** These allow you to communicate live with one or more people.
- **Instant messaging (IM):** This allows you to send messages using the internet.
- **A cell phone application:** is an application that runs on your mobile device.
- **Chat rooms:** These allow you to communicate in a group.
- **Email:** This allows you to send and receive messages, its little more formal than IMs.

4 ICT tools & Communication

- To start a call, you create a link to send to the participant(s).
  - Make sure your microphone and camera are on.
- In a chat room, you can simply type and submit your comment.
  - Be polite, helpful, and positive.

- **INSTANT MESSAGING**
  - Instant messaging is a fun, casual way to communicate.
  - You may use phrases instead of full sentences, emoticons, or even images.

- **EMAIL**
  - It's common to use emails in more formal situations.
  - When writing an email, be sure to use proper grammar.

5 Online learning environments

- Edmodo®, allow teachers and students to communicate, no matter where they are.

6 Online learning sources

- **EGYPTIAN KNOWLEDGE BANK**
  - This is Egypt's premiere online library of resources for a variety of subjects.
- **VLABY**
  - A virtual labs platform that enables students and teachers to do lab experiments in an interactive environment.
- **NATIONAL GEOGRAPHIC KIDS**
  - A popular online source for kids to find information on a variety of subjects.
- **MAPMAKER INTERACTIVE**
  - Provides online world mapping tools for students and teachers.

7 Conducting a digital search

- **Plan before conducting a digital search.**
  1. Choose your topic.
  2. Choose the types of online sources you will use.
  3. Prepare to evaluate the types of sources you've chosen.
- Don't forget to **cite** the source information in your notes.
- **Unreliable sources:** full of opinions, errors, and even lies.
- **Reliable sources:** written and verified by experts and well-written.
- Organizing and writing your report.
- Writing an outline.



Important Definitions

أهم التعريفات في المحور الثالث

Word	Definition
Digital citizenship	is the ability to use digital technology ethically, responsibly, and safely.
Digital footprint	is a record of what you do online, including the sites you visit and the things you post.
Piracy	is the illegal circulation of content to be shared or sold to others.
Synchronous communication	occurs in real time, with instant responses.
Asynchronous communication	does not require an instant response.

ICT tools أدوات وأجهزة مستخدمة فى تكنولوجيا المعلومات

- **EKB**
  - Contains a wealth of information.
  - Egypt's premiere online library of resources for a variety of subjects.
- **Wiki pages, and blogs**
  - Unreliable sources.
  - Full of opinions, errors, and even lies.
- **IM software**
  - on your computer or a mobile application.
  - allows you to send messages using the internet.
  - Messages could include just text, or also pictures or videos.



THEME 4 Quick Look

An hour before the Exam

تمكن من مراجعة منهجك في ساعة واحدة قبل الامتحان



Important Points

أهم النقاط في المحور الرابع

1 Problem solving

- Construct a hypothesis.
- It is an attempt to answer your question with an explanation that can be tested.
- Test your hypothesis.

  Was your test successful? If not, don't worry, we learn from our mistakes.
- Breaking down problems into smaller sections and assign each person one section.

2 Presenting information

- To create a digital poster or billboard you will need a software like Microsoft 365.
- Digital concepts to consider:
- **Margins**: a 25mm margin will help design a good poster.
- **Font size and type**: choose a font size that is easy to read and simple font is better.
- **Colors**: it is better not to use more than 3 colors in a poster.
- **Images**: use clear, good-quality, and appropriate images.

3 Algorithms

- Search engine uses algorithms to decide which results will be more relevant to you.
- At school, you are often using algorithms to complete assignments.
- If your wording is not specific enough, the engine's algorithm may not be entirely accurate.

4 Graphic art

- **A popular graphics editor is Microsoft Paint.**
  - The top of Paint screen is like Word and Excel.
  - The menu bar includes options for opening and saving files.

5 Edit photos in Paint



- Select areas of the photo to use in your drawing by cropping.
- You can add text to a photo. • Change the size or direction of the photo.
- Click on the Insert menu bar to see the different options, such as:
  (Shape – Icons – 3D models – Smart Art)

6 PowerPoint presentation

- Open PowerPoint. • Click on Blank Presentation.
- Use the first slide to name the title and subtitle of your presentation.
- Type the information in the text boxes.
- In PowerPoint you can:
  - Add text.
  - Choose design options for each slide.
  - Add animations.
  - Add visuals and effects.
  - Add transitions.
  - Inserting pictures.

- **Keep in mind:**
  - Use a font size and style that is readable.
  - Use relevant images instead of text.



Important Definitions

أهم التعريفات في المحور الرابع

Word	Definition
A hypothesis	an educated guess about how things work.
Margins	the space left around the edges of your poster or billboard.
An algorithm	is a series of steps that explain how to do a task.
A recipe	set of instructions that will successfully lead you to making a meal.
Coding	is the writing of multiple algorithms to make a complete program.
A slide	is a presentation page that contains text and images.
Thumbnail	preview image, of each presentation slide you're creating.
Transitions	a visual effect to use between each slide.

ICT tools

أدوات وأجهزة مستخدمة فى تكنولوجيا المعلومات

- **Microsoft 365**
  - Includes: PowerPoint®, Word®, and Publisher®.
- **Microsoft PowerPoint**
  - Used to create presentations that include text, animations, images, and special effects.
- **Microsoft Paint**
  - You can edit photos in paint.
- **Code.org**
  - A website help you learn coding.

Theme 3 Q : Digital Citizenship أسئلة المحور ٣ : المواطنة الرقمية
Lesson 1 Q : Explorer in Action أسئلة الدرس ١ : المستكشف النشط

Q1 Put a mark (true) or mark (false): -

1) Mr-Tyner uses digital technology to help him get his work done. ( )
2) Digital technology has no role in our daily lives. ( )
3) Digital technology helps to find real solutions to the problems facing local communities. ( )
4) It has become difficult to book train or plane tickets online. ( )
5) Digital technology has helped travelers book tickets online. ( )
6) William Tyner does not believe in the importance of digital communication via the Internet to exchange opinions.( )
7) You can book tickets to visit some historical and cultural sites with the click of a button. ( )
8) You can download applications on your mobile phone to obtain certain services. ( )
9) Any person can pay his bills through the appropriate applications available on the Internet ( )
10) You can book a bus ticket to travel to Alexandria online. ( )
11) Digital technology has no role in our daily lives. ( )
12) William Tyner is a cultural anthropologist, technology expert, and filmmaker. ( )

Q2: Choose the correct answer from the brackets:-

1) Among the services ………… provides is knowing the date and schedule of exams.

A- The website of the Ministry of Tourism and Antiquities

B- The website of the Ministry of Health and Population

C- The website of the Ministry of Education and Technical Education

2) William Tyner works as …………

a-Engineer b- Technologist c- Lawyer

3) William Tyner works as ………… .

a-Cultural anthropologist b- film maker c- both

4)William Tyner used ………… in his field of work to find solutions to problems.

a- Physics b- Digital Technology c- Chemistry

5) The Egyptian Knowledge Bank EKB provides …………

a-Information b- Money c- Gold

6) William Tyner is a scientist in the field of…

a) Industry b) Agriculture c) Programming



Lesson 2 Q : Digital Citizenship أسئلة الدرس ٢ : المواطنة الرقمية

Q1: Choose the correct answer from the brackets:-

(hacking - digital citizenship - digital footprint - your digital footprint)

1) ………… is the illegal circulation of content with the aim of sharing or selling it to others.
2) ………………… is your right not to be copied or shared by anyone without your consent.
3) The ability to use digital technology in an ethical, responsible and safe manner known as …………………
4) ……………… Make a record of everything you do online, visit websites, and share with others.

Q2: Put a word (true) or (false):--

1) Every trace that a person leaves when using the Internet is known as digital citizenship. ( )
2) Achieving digital citizenship entails a set of rights and duties. ( )
3) You can copy scientific content without the permission of the owner. ( )
4) Digital citizenship is not showing a positive attitude while you interact online. ( )
5) When you upload videos or songs of your own design or authorship on the Internet, you do not have the right to be protected against piracy. ( )
6) Your digital footprint is a record of everything you do online. ( )
7) My personal information can be shared with anyone I know on the Internet. ( )
8) Digital citizenship means using digital technology in an ethical and unsafe manner. ( )
9) Develop strong passwords from the rules of safe use of the Internet. ( )
10) You have the right to use the Internet at any time without respecting the law. ( )
11) I can download any content from the Internet and share it with others or sell it without referring to the content owner. ( )
12) It is a good idea to evaluate what you are watching online and check its reliable sources. ( )
13) Dealing responsibly with others online is part of digital citizenship. ( )
14) Responsibility is illegally circulating content with the aim of selling it to others. ( )
15) Digital citizenship is the ability to use digital technology in an ethical manner. ( )

Q5: Choose the correct answer from the brackets:-

1) Someone tracks your responses on different social networking sites. It's called……

A- digital footprint B- digital piracy C- assumptions

2) The following is from your rights while using the internet…

a- No one will copy or share your digital fingerprint without your consent.
b- Piracy of digital content in order to sell it to others.
c - Show negative behavior in your dealings with others.



3) Which of the following situations demonstrates commitment to responsibilities while using the Internet?

A- Pirate a video your friend uploaded on video sharing platforms.
b- Evaluate the content and ensure that the information is safe to display.
C- Spying on others and copying their digital footprint.

4) .... enables you to use digital technology in an ethical, responsible and safe manner.

a- Digital footprint b- digital citizenship c- Hacking

5) ..... enables to form an image of a person through his responses and actions on social media.

a- Digital footprint b- digital citizenship c- Hacking

6) When a person copies digital content without the owner's permission for the purpose of selling, this is called ....

a- Digital footprint b- digital citizenship c- Hacking

7) The principles and responsibilities that must be adhered to when dealing with technology

a- Digital footprint b- digital citizenship c- Hacking

8) Every trace a person leaves when using the Internet.

a- Digital footprint b- digital citizenship c- Hacking

9) Copy digital content without the owner's permission for the purpose of selling it

a- Digital footprint b- digital citizenship c- Hacking

10- A set of principles that must be adhered to when dealing with technology.

a- Digital Citizenship b- Software Code c- Digital Footprint

11- Using the Internet when I need to, while respecting the law, is considered...

a) Rights b) Responsibilities c) Piracy

12- It creates a record of everything you do online, including visiting websites and what you share with others.

a- Digital fingerprint b- Digital citizenship c- Piracy

13- One of the disadvantages of the Internet ....

A- Protection from hacking B- Identity theft C- Privacy

14- Everything you do online..................

a- Digital Citizenship b- Digital Footprint c- Piracy



أسئلة الدرس ٣ : الآثار الإيجابية لتكنولوجيا المعلومات (اثرائي للاطلاع فقط)

Lesson 3 Questions : Positive effects of information technology

Q1: Put a word (true) or (false):-

1. Information technology tools enable people of determination to communicate with teachers and view school subjects. (   )
2. You should consult your teacher or a member of your family before posting anything on the Internet.(   )
3. Digital devices are useful when unforeseen circumstances affect our ability to leave our homes, (   )
4. Video sharing platforms are not available for people to use to submit their own content. (   )
5. Digital devices help people who have difficulty in communicating with others. (   )
6. The use of ICT tools is limited to countries and governments only. (   )
7. Skype virtual meeting app is limited to one-on-one calls. (   )
8. Digital technology has no role in our daily lives. (   )
9. The WhatsApp application cannot be accessed through a mobile phone. (   )

Q2: Choose the correct answer from the brackets:

1. The ………… application is used to conduct group video chats.

A- Skype b- Egyptian Knowledge Bank (EKB) C- Augmented reality

2. a video chatting program ……………………… .

a- Skype program b- (EKB) C- Augmented reality

3. From social media platforms on the Internet………… .

a- Google Chrome b- Facebook c- Windows

4. From the learning resources provided by the Egyptian government to its citizens…………

a-Egyptian Knowledge Bank b- Food Bank c- Wikipedia

5. Everyone who uses ICT tools to learn, share and communicate with others in their capacity.

a- Engineer b- Digital Citizen c- Programmer

6. …………help people communicate with others from anywhere and at any time.

a- hacking b- TV programs c- digital devices

7. The application ……. is one of the popular applications for messaging between people.

a- WhatsApp b- Mobily c- Ayat

8. You can share a video tutorial through…………

a- Egyptian Knowledge Bank b- Sharing Platforms c- Regular Mail

9. ………… Holds webinars for teachers, students and parents to provide instructions on how to register and use the site.

a- Egyptian Knowledge Bank b- Curriculum c- Digital Devices

10. The most popular instant messaging application in the world and it is free.

a- WhatsApp application b- Vilaby C- Egyptian Knowledge Bank

Lesson 4 Q : Online communication سئلة الدرس ٤ : التواصل عبر الإنترنت

Q1: Put the word (true) or (false):-

1. Skype is an asynchronous communication medium. ( )
2. One of the applications of asynchronous communication is instant video chats and live TV programs. ( )
3. Chat rooms allow asynchronous communication between people. ( )
4. Email is used to send and receive messages of an official nature. ( )
5. A device with a camera and a speaker is one of the necessary tools for making synchronous communication. ( )
6. The email application cannot be accessed on your mobile device. ( )
7. Instant Messaging Allows you to send only text messages or add photos or videos using the Internet. ( )
8. Live television programs are a form of asynchronous communication. ( )
9. Video chats allow direct communication with one or more people using a mobile phone. ( )
10. Instant Messaging (IM) includes text and images and cannot add a video clip. ( )
11. Asynchronous communication is communication that does not require an immediate response. ( )
12. Google Chrome is a browser used to access the Internet. ( )
13. Video chats allow direct communication between two people only. ( )

Q2: Choose the correct answer from the brackets:

1- The process of communicating or exchanging information among people at the same time is called ....

a- asynchronous communication b- synchronous communication c- chat

2- Sending a text message to the e-mail of a colleague is a kind of ....

a- asynchronous communication b- synchronous communication c- chat

3- We need .... when we have a video chat.

a- computer with camera b- computer without camera c- screen

4- one of the Internet browsers

a- Internet explorer b- video app c- Audio app

5- allows sending text messages via Internet applications

a- instant messaging b- video app c- Audio app

6- They allow you to communicate in groups and usually focus on only one topic.

a- Video chats b- simultaneous communication c- chat rooms

7- Uses the Internet to communicate in a ....

a- synchronous b- asynchronous c- all of the above



8- It is used to send and receive messages.

a- e-mail b- computer c- chat rooms

9- .... It allows you to communicate in groups and usually focus on one topic.

a-Internet b- chat rooms c- mobile application

10- To access the Internet you use the browser....

a-Software b- Computer c- Internet Explorer

11- ....Allow you to communicate directly with one or more people via your laptop.

a- email b- video chat c- mobile app

12- It is a communication that does not require an immediate response.

a- synchronous b- asynchronous c- all of the above

13- An application that works on your mobile device and allows you to access various programs.

a- mobile application b- browser c- devices

14- It is used with official messages sent to a school official.

a- synchronous communication b- chat rooms c- email

15- It is impossible for us to make a video call through...

a- Mobile phone b- Scanner c- Laptop

16- .... is used to send electronic messages of an official nature.

a- Email b- Video chats c- Voice chat

17- .... Sending and receiving electronic messages using the Internet

A- Instant messaging B- Mobile phone C- Scanner

أسئلة الدرس الخامس : كيفية استخدام الاتصال الإلكتروني

Lesson 5 Q : How to use electronic communication

Q1: Put the word (true) or (false):-

1- You can write the e-mail of the person you're sending the message to in the "subject" field. ( )
2- You can communicate with an unknown person over the Internet without consulting any of your family members.( )
3- It is important to have good manners and etiquette when dealing with others online. ( )
4- Creating an account on the Egyptian Knowledge Bank is not available to any student. ( )
5- During the video chat, anyone participating in the conversation will be able to see you if your camera is on. ( )
6- While you are joining a video chat, make sure that there is nothing in the background that indicates your address or any personal information that you do not want to share. ( )
7- Uses ICT tools to communicate with others. ( )
8- You can turn the camera on or off during the video chat. ( )
9- In chat rooms you cannot reply to messages. ( )
10- We use the e-mail to create an account on the Egyptian Knowledge Bank. ( )
11- You cannot turn off your microphone or turn off the camera during a video chat. ( )
12- To send an email to someone we use chat rooms. ( )
13- People in the chat room do not have the right to reply to messages I write. ( )
14- Icons and images can be used during instant conversation. ( )

Q2: Choose the correct answer from the brackets:

1- You can write the title of your message via e-mail in the field............
a- From b- subject c- Attachments.

2- The last step for instant messaging is..................
a- writing the message b- pressing the "send" icon c- pressing the "contact list"icon

3- You can send long text messages over the Internet through ....
A- Interactive map designer b- E-mail c- Video chat

4- Through .... you can write a comment for the people sharing the room with you.
a- chat room b- Email c- SMS

5- People in chat rooms are able to..........Reply to it.
a- Write a comment b- send links c- open your cameras

6- It uses .... to send messages of an official nature.
a) e-mail b- instant messaging c- chat

7- Messaging............. is a fun and informal way to communicate with others.

a) e-mail b- instant messaging c- chat

8-During a video chat, you can reply to the conversation by clicking on the .... icon.

a- Pause b- Phone / Video c- Camera

9) To send an instant message, click on the .... icon .

a-send b- receive c- delete

10)............. A means of communicating enables you to use short phrases instead of full sentences, in addition to communicating symbols and images.

a-E-mail b- instant messaging c- video chat

11) To start a video chat, ... is created and sent to the participants in the conversation.

a-Link b- video c- message

12) To join .... you have to click on its link and wait until you are allowed in by the person who started the conversation.

a-playing b-studying c- Call

13) Make sure that .... is turned on when you want to have a video chat.

a-Camera b- Microphone c- Scanner

14- You can turn .... on or off during a video chat.

a- Camera b- Scanner c- Mouse

15- Through which people can be viewed from a distance...

a- Video camera b- Scanner c- Mouse

أسئلة الدرس ٦ : بيئات التعلم عبر الإنترنت ومصادره

Lesson 6: Online learning environments and resources

Q1: Put the word (true) or (false):-

1. It is possible to find information about space science and history on the interactive map maker platform. (   )
2. Edmodo digital learning environment allows teachers and students to communicate and learn online. (   )
3. The Interactive Map Maker is one of the safe sites for research and data collection. (   )
4. The National Geographic platform for children enables you to conduct an experiment in science interactively. (   )
5. Edmodo is an online learning environment. (   )
6. The Egyptian Knowledge Bank does not contain an electronic library that contains resources on various topics. (   )
7. Online learning environments enable teachers to provide virtual lessons and upload tests to class students. (   )
8. Interactive Map Maker is one of the unsafe sites for research and data collection. (   )
9. A learning environment like Edmodo only allows teachers to communicate with each other. (   )
10. Reliable online digital tools are very valuable sources of information. (   )
11. Vlaby is your source for information on animals, science and mapping. (   )
12. The virtual lab platform Vlaby enables kids to find information about various things such as animals, science, history and geography. (   )
13. Online learning environments allow communication with people without being in one place. (   )
14. Interactive Map Designer is an unsafe site for research and data collection. (   )
15. Online learning environments do not allow teachers and students to communicate with each other. (   )
16. The Edmode platform prevents teachers and students from communicating with each other. (   )

Q2: Choose the correct answer from the brackets:

1- From reliable digital learning resources via the Internet.

a- WhatsApp application b- EKB c- Facebook application

2- Which of the following online learning resources would you recommend to your friend who wants to conduct an experiment to find out the boiling point of water?

a- Interactive Map Maker b- Vlaby platform c- EKB

3- Which of the following sites can your teacher use to deliver lessons online?

a- EKB platform b- Edmodo platform c- WhatsApp application



4- The …………… platform enables you to use map-related data and tools.

a- Interactive map maker b- National Geographic Kids c- EKB

5- is one of the sources that enable you to get the appropriate information for children

a- Interactive map maker b- National Geographic Kids c- EKB

6- Applications that allow students to communicate with teachers virtually.

a- Online learning environments b- Social Media c- EKB

7- It is online mapping tools.

a- Vlaby b- National Geographic Kids c- Interactive map maker

8- A virtual laboratory platform that provides laboratory experiments in an interactive digital environment

a- Vlaby b- National Geographic Kids c- Interactive map maker

9- ……… provides online mapping tools for students and teachers.

a- Interactive Map Maker b- Vlaby c- Egyptian Knowledge Bank

10- ………. allow teachers and students to communicate with each other over the Internet without regard to where they are.

a- National Geographic Kids b– online Learning Environments c- EKB

11- ………. is an informative virtual lab platform that enables students and teachers to conduct lab experiments in an interactive environment.

a- National Geographic Kids b- Vlaby c- Egyptian Knowledge Bank

12- Vlaby is a………… platform that enables students to conduct laboratory experiments in an interactive environment.

a- Virtual laboratories b- map designer c- information about animals

13- The Egyptian Knowledge Bank is …………the first in Egypt that contains resources on various topics.

a- Virtual laboratories b- school c- electronic library

14- It provides ……….tools that help students in drawing maps over the Internet.

a- Egyptian Knowledge Bank b- Vlaby c- Interactive Map Maker

15- National Geographic Kids enables children to find……… on a variety of topics.

a- Information b- Games c- Programs

16- .... The first electronic library in Egypt includes many sources on various topics and information around the world.

a- Interactive Map Maker b- Vlaby c- Egyptian Knowledge Bank

17- .... Enables teachers to provide virtual lessons and upload tests and enables students to post and homework.

a- National Geographic Kids b- Edmodo Environment c- Egyptian Knowledge Bank

18- Teachers can provide virtual lessons to students through ....

a- Facebook b- Edmodo c- WhatsApp

19. .... A virtual laboratory platform for conducting scientific experiments in an interactive environment.

A- WhatsApp application B- Vlaby C- Egyptian Knowledge Bank

20. Teachers can provide virtual lessons to students through

a- Facebook b- Edmodo c) WhatsApp

Lesson 7: A plan for digital research الدرس٧ : خطة للبحث الرقمي

Q1: Put the word (true) or (false):-

1- You can write your research without indicating the source from which you got the information. ( )
2- Planning before conducting any digital research is not important. ( )
3- Facebook, wikis, and blogs are among the unreliable sources. ( )
4- Planning before conducting any digital research helps you access information in an easy way.( )
5- It is necessary that your research plan include (introduction- paragraphs- conclusion) about the information you provide. ( )
6- It's important that your project contains some untrusted information. ( )
7- It is preferable for you to consult your teacher, one of your parents or your school librarian about resources. ( )
8- Planning before performing a digital search has no importance on the results of the research. ( )
9- Unreliable sources provide information with fewer spelling errors. ( )
10- Digital search results may include audio recordings, video clips, and images. ( )
11- I can use the search results, whether the sources are reliable or not. ( )
12- Reliability source you use in your research. ( )
13- All social networking sites contain reliable information. ( )
14- The research topic must be chosen carefully and the additional points that I would like to obtain. ( )
15- Mentioning the source of the research information is an important step for documenting the research report. ( )

Q2: Choose the correct answer from the brackets:

1. (Ahmed) wrote a research paper on tourism in Egypt - and he quoted part of the research from the Egyptian Knowledge Bank platform, as he must...

A- Refer to publishers or authors in a research paper.
b- Publish the research without referring to the publishers.
C- Share the research of others to sell it without their permission.

2. When conducting a digital search, you your outline must include ....

A- An introduction to the research topic B- Details far from the research topic
C- Unreliable information

3. It is essential that your research plan includes...

A - paragraphs providing information b- information of questionable authenticity
C- digital blogs.

4- Information that is full of opinions and errors is from ...

a- unreliable sources b- reliable sources c- ture sources



5- includes an introduction, paragraphs of supporting information, and a conclusion.

a- Writing a diagram b- report c- research

6- Egyptian Knowledge Bank is ....

a- unreliable sources b- reliable sources c- fake sources

7- Social networking sites such as .... often have false information.

a- Facebook b– Egyption Knowledge Bank c- Blogs

8- The first steps of conducting a digital search to obtain reliable content are

a- conclusion b- research c- planning

9- After obtaining the information and making sure that it is reliable, it is necessary to write it the information.

a-source b- topic c- research

10- Social networking sites such as Facebook provide information

a-true b- reliable c- unreliable)

11- The Egyptian Knowledge Bank considers its information.

a- false b- credible c- unreliable)

12- These are articles or information written by experts and verified for their authenticity.

a- Reliable sources b- Types of sources c- Unreliable sources)

13- .... The first steps of conducting a digital search and obtaining reliable content.

a- Choose your topic b- types of online sources c- outline

14- The digital search includes text sources and ....

a-Audio and image only b- video clips only c- all of the above

15- When conducting a research, it is necessary to mention .... in the final report.

a- outline b- sources of information c- types of sources

16- .... It is considered one of the unreliable sources.

a- Blogs b- Vlaby c- Egyptian Knowledge Bank

17- .... One of the components of conducting scientific research.

a- Choosing the topic b- Seminars C- Books

الدرس ٨: الاتصال المتزامن وغير المتزامن (الدرس اثرائي للاطلاع فقط)

Lesson 8: synchronous and asynchronous communication

Q1: Put the word (true) or (false):-

1) Simultaneous communication is appropriate when it is between close family members.( )
2) Asynchronous communication is appropriate when information is important and requires rapid action. ( )
3) The Internet allows us to communicate synchronously. ( )
4) We use synchronous communication when information is about sensitive or complex topics. ( )
5) Sending an e-mail to a government agency with which synchronous communication is appropriate. ( )
6) Asynchronous communication is not suitable for people who do not know each other. ( )
7) synchronous communication is appropriate between friends or close family members. ( )
8) synchronous communication is used to obtain information that is important and does not require thinking and preparation. ( )
9) Online learning environments include asynchronous communication only. ( )
10) synchronous communication is not always a good thing. ( )
11) We use synchronous communication to give ourselves or others with whom we communicate sufficient time to think about the information we have sent. ( )
12) We use synchronous communication to conduct conversations to check on people who live far away from us. ( )
13) synchronous communication is suitable between friends or close family members. ( )

Question 2: Choose the correct answer in brackets:

1- Which of the following situations is appropriate for synchronous communication?

A- Contact the police to report an incident of theft.
B - Calling your colleague to find out the date of the scheduled trip at the end of the year.
C - Calling your colleague to talk to him about entertainment matters.

2- It is a form of simultaneous communication via the Internet, which allows watching friends or your family in audio and video.

a- Instant messaging b- E-mail c- Video chat

3- synchronous communication is appropriate ....

A - between people who do not know each other. b- between friends or family members.
C- the information is not urgent.

4- When the information is urgent, it is preferable to use ....communication.

A- asynchronous B- synchronous C- paper letters

5- You can make video calls with your friends through...

A- scanner b- mobile phone c- printer



6- Suitable when the information is important and not urgent.

a- Asynchronous communication b- synchronous c- both

7- When information revolves around issues from everyday life.

a- synchronous communication b- asynchronous c- both

8- When the answer does not require much thought and preparation.

a-synchronous communication b- asynchronous c- both

9- Simultaneous communication is appropriate when the answer does not need to ....

a- a lot of thought and preparation b- asynchronous c- synchronous communication

10- When information is urgent or needs to be conveyed quickly, ... is appropriate.

a- synchronous communication b- asynchronous c- both

11- Communication .... is appropriate when the information is important but not urgent.

a-synchronous communication b- asynchronous c- both

12- Online learning environments include means of communication.

a- synchronous communication b- asynchronous c- both

13- Synchronous communication is appropriate when the information is...

a- Repeated b- Urgent c- Not urgent

Theme 4 Q : Software projects أسئلة المحور ٤ : مشروعات برمجية



الدرس الأول : أسئلة المستكشف النشط (الدرس اثرائي للاطلاع فقط)

Lesson 1 Q : Explorer in Action

Q1: Put the word (true) or (false):-

1. Augmented reality technologies help to provide information to you interactively.( )
2. Preserving life means protecting animals in their natural habitats. ( )
3. The Internet of Elephant uses innovative digital tools to enhance the relationship between humans and wildlife around the world. ( )
4. Gutam Shah is the founder of the Internet of Elephant. ( )
5. Mobile games enable you to interact with adorable animals in many places. ( )
6. Augmented reality allows you to see the real environment of the things you want to see virtually. ( )
7. Technology can be used to preserve wildlife around the world. ( )
8. The Internet of Elephant helps protect wildlife. ( )
9. Jotah Shah uses GPS data to design interactive games on the Internet. ( )

Q2: Choose the correct answer in brackets:

1. You can see many archaeological sites inside and outside Egypt while you are at home by ...

a- augmented reality b- piracy C- digital footprint.

2. allows you to see real things by default

a- Augmented reality technology b- Edmodo c- EKB

3. Gautam Shah hopes that the Internet of Elephants will be a new initiative that will push people to .... with wildlife.

a- attention b- neglect c- damage

4. It can be used to design unique mobile games.

a-Augmented reality b- GPS systems c- Ground penetrating radar

5. ...... means protecting animals in their natural environments.

a-wasting life b- preserving life c- exploiting animals

6. The Internet of Elephant organization uses the data to design ....

a-interactive games b- casual games c- traditional games

7. System .... Used to collect data needed to design interactive games on the Internet

a-Augmented reality b- operating system c- GPS

8. You can walk through the forest virtually using technology

a- Syncorns communication b- Augmented reality c- Bluetooth

9. Technology...allows the real environment of objects to be viewed virtually.

a) Algorithms b) Augmented Reality c) Cultural Anthropology

Theme 4 Q : Software projects أسئلة المحور ٤ : مشروعات برمجية

Lesson 2 Q: Problem Solving Skills أسئلة الدرس الثاني : مهارات حل المشكلات

Q1: Put the word (true) or (false):-

1- When making a guess to solve a problem, this guess is called the hypothesis test.( )
2- When making a guess to solve a problem, this guess is called the hypothesis. ( )
3- When testing your hypothesis, it is necessary not to do any test that puts you at risk. ( )
4- Your success in solving the problem means you succeed in testing your hypothess.( )
5- In the hypothesis testing stage a guess is made about how the problem occurred.( )
6- It is important to break complex problems into small parts when solving them. ( )
7- Any big problem should be left without thinking about solving it. ( )
8- The first step to solving the problem is, did your test pass? ( )
9- A hypothesis is a scientific guess about how things will happen. ( )
10- Testing your hypothesis is that you do not do any test that puts you at risk. ( )
11- Some problems are more complex than others. ( )
12- If the first hypothesis does not succeed in solving your problem, do not build another hypothesis to solve the problem. ( )
13- The big problem is divided into small parts for easy solving. ( )
14- The trial and error strategy is one of the important strategies when solving problems. ( )
15- To reach a solution to a problem, we follow specific and ordered steps. ( )
16- The first step in solving problems is to guess how the problem occurred. ( )
17- Large problems must be analyzed and divided into smaller parts for ease of solution.( )

Q2: Choose the correct answer in brackets:

1- You should be careful when solving problems that may pose a risk to you during the ... step.
A - building hypotheses b - collecting data on hypotheses C- hypothesis testing

2- While turning on the computer, you found that it is not responding. You guessed that there was a malfunction in the operating switch, this guess. is called....
A- assumption b- digital citizenship c- digital footprint

3- You watched your teacher making sure that the keyboard cable is connected the place designated for it, this means that he is taking the ..... step.
A - building a hypothesis B - testing the hypothesis. C- digital footprint.

4- Guess about how the problem happened.
a- Hypothesis building b- testing the hypothesis. C- digital footprint.

5- An attempt to answer a question with an explanation that can be tested is ....
a- Hypothesis Test b- Hypothesis Building c- Problems

6- When you encounter ... you need to think about it and solve it.
a- problem b- result c- task

7- .... is a scientific guess about how things happen.
a-problem b-hypothesis c-possibility

8- These problems are divided into parts............ and their solution is gradual.

a-large - b- medium c- small

9- By ………….means that you will not pass any test that exposes you to danger.

a-Test your hypothesis b- Did your test pass? c- Building a hypothesis

10-The second step to solving the problem is ……..

a-Did your test pass? b- Test your hypothesis c- Build a hypothesis

11) It is an important strategy for solving problems

a- Trial and error b- Trying only C- Error

Q4: Arrange the steps for solving the problem:

( ) Did your test pass? ( ) Test your hypothesis: ( ) Build a hypothesis:

Lesson 3 Q: Provide Information أسئلة الدرس الثالث : تقديم المعلومات

Q1: Put the word (true) or (false):-

1) Images must fit within the content you share. ( )
2) Your audience should be able to easily see your information. ( )
3) You need images and colors to design a poster or digital billboard. ( )
4) Having an adequate margin does not help you in creating a well-designed poster. ( )
5) To create a digital poster, it is preferable to choose a very small font size. ( )
6) Digital tools are one of the effective ways to present information, such as Microsoft 365 programs. ( )
7) You will need a modern digital device (computer) that can handle the design software.( )
8) To design a poster or billboard, less than three colors must be used to make the poster attractive. ( )
9) The size and type of font is taken into consideration when designing advertising posters. ( )

Q2: Choose the correct answer in brackets:

1. The small number of colors used inside the announcing board makes it.........

a. difficult to understand b. striking c. lacks good design

2. The amount of empty space between the edges of the announcing board is called.......

a. fonts b. margin c. image options

3. One of the elements of good design for your project is........

a-Consistency of font color with background color

b-Inserting attractive images even if they are irrelevant to your project.

c-Avoid leaving empty spaces (margins) inside the desig

4. Microsoft 365 package contains........ program.

a. Word processor software b. Paint c. Google chrome

5. To better present information such as designing a digital poster or digital billboard you need ....

a-Password b- digital tools c- documented information

6. We use......... in designing a digital poster or digital billboard.

a-Colors and pictures b- information c- keyboard

7. .. is the amount of space between the edges of the poster or billboard and its content

a-Content b- Margins c- Images

8. Microsoft 365 program that includes a package of applications, including ......

a-Paint b- Word c- chrome

9. You must choose a font size .... when designing the poster.

a-large b- easy to read c- small

10. .... It is a program for presentations.

a- PowerPoint b- Word c- Publisher

11. .... is a word processor program.

a- PowerPoint b- Word c- Publisher

12. .... is a desktop publisher program

a-PowerPoint b- Word c- Publisher

13. ...help you to convey your message, where it is used in harmony that draws attention

a-Colors b- Margins c- Pictures

13- One of the important things when creating an advertising poster is choosing a font that facilitates...

a- Reading it b- Writing it c- Listening

أسئلة الدرس الرابع : التطبيقات الرقمية Lesson 4 Q: Digital Apps (الدرس اثرائي للاطلاع فقط)

Q1: Put the word (true) or (false):-

1) Evaluating information means to make sure that its sources are trusted. ( )
2) You can insert images into Excel files. ( )
3) Publications such asbooks and articles are one of the many sources for searching for information. ( )
4) Excel is one of the programs that is used to create a spreadsheet containing columns and rows. ( )
5) Active Explorer searches for a topic using multiple sources. ( )
6) A person positively or negatively affects plants and animals in his place of residence. ( )
7) Reliable sources sometimes confuse someone's opinion with facts. ( )
8) Interviews are sources from which information can be obtained clearly. ( )
9) Word program through which you can add images and link reports to websites or information on the Internet. ( )
10) Word is the best program capable of collecting numbers automatically. ( )
11) Information sources should not be evaluated when collected. ( )
12) The accuracy of previously collected information should not be validated. ( )
13) The source of the information does not reveal to you whether the information is reliable and correct or not. ( )
14) One of the ways to evaluate the source is is the author a reputable person or institution. ( )
15) One of the ways to evaluate the source is how recent is the information. ( )
16) The word processor program allows you to link your research report to websites. ( )
17) One of the disadvantages of Excel is the ability to solve mathematical operations. ( )

Q2 : Choose the correct answer in brackets:

1. A friend of yours wants to learn about the history of ancient Egypt, which platform would you recommend?

A- The Egyptian Knowledge Bank B- Video sharing platforms C- Social media platforms

2. From reliable digital learning resources via the Internet.

A- WhatsApp application B- the Egyptian Knowledge Bank (EKB) C- Facebook application

3. After collecting the information, it is .... sources.

a-select b- evaluate c- delete

4. .... is what will reveal to you if the information is reliable, correct and true.

a-Source b- internet c- book

5. The Egyptian Knowledge Bank (EKB) is one of the sources of information.........

a-reliable b- unreliable c- wrong

6. ....a type of source divided into books, newspapers and articles.

a-Websites b- Print c– posts

7. .... is the source whose information is issued by a person or institution and uses opinions more than facts.

a-reliable source b- questionable source c- unreliable source

8. ...... the information is issued by a trusted person or institution, which mentions the sources on which it is based and gives up-to-date facts.

a-reliable source b- questionable source c- unreliable source

9. ....The information is issued by a person or institution that mentions some of the sources on which it is based, but sometimes it confuses its opinion with facts.

a-reliable source b- questionable source c- unreliable source

10. ......The information comes from a person or institution that does not support what it shares with sources, and uses opinions more than facts.

a-reliable source b- questionable source c- unreliable source

11. .... It is used to collect information and ideas and to record the data to be collected in an excellent way.

a-Word b- Excel c- Power Point

12. ...... is used to write what you want, and allows you to present your ideas in a variety of ways.

a-Word b- Excel c- Power Point

13) It is one of the components of the program screen.........rows and columns

a-Word b- Excel c- Power Point

14) Types of sources for collecting information.

a- Publications b- Excel c- Power Point

Lesson 5 Q: Algorithms أسئلة الدرس الخامس : الخوارزميات

Q1 : Put the word (true) or (false):-

1) The formulation of keywords is not important when searching for information. ( )

2) Algorithms are reliable sources of information. ( )

3) When solving a verbal problem in mathematics, the steps followed are a type of algorithm. ( )

4) Many of the things you do in your daily life such as directional signals can be described by algorithms. ( )

5) Help the algorithms determine the most relevant results for the research topic. ( )

6) Following the steps of preparing a falafel sandwich is not an algorithm. ( )

7) When you enter the keywords you are searching for, the search engine takes steps to deliver the results. ( )

8) A search engine is a series of steps that explain how to perform a task. ( )

9) Algorithms help in understanding the operations performed by the browser while searching on the Internet. ( )

10) The instructions that can be followed are a kind of algorithm. ( )

11) Computers do not use algorithms to perform their own tasks. ( )

12) An algorithm is a series of steps that explain how to perform a task. ( )

Q2: Choose the correct answer in brackets:

1) .... is a series of steps that explain how to perform a task.

a-Algorithm b- Programming c- Topics

2) Many of the things you do every day can be described as.......

a-Algorithms b- Software c- Topics

3) .... and its applications use algorithms to perform specific tasks.

a-computers b- websites c- electronics

4) It is used......... to complete tasks.

a-Software b- Algorithm c- Computer

5) ... are used to search for information to present to the topic of your research.

a-Search Engines b- Browsers c- Software

6) Algorithms are a series of .... that explain how to perform a particular task.

a- Electronics b- Software c- Steps

Lesson 6 Q: Programming basics اسئلة الدرس السادس : مبادئ البرمجة

Q1 : Put the word (true) or (false):-

1) You can use programming codes to identify the paths needed to reach your goal. ( )
2) Computers, like humans, use different languages. ( )
3) Using coding or programming, you can create video games. ( )
4) You can create mazes at Code.org. ( )
5) Animations and movies are created through web programming. ( )
6) The specific and organized steps help to reach the solution of the problem. ( )
7) When you want to pass a maze that has been invented, you must follow a set of steps. ( )
8) There are few programming languages on the Internet for designing and creating games and pens. ( )
9) Coding is a form of algorithms. ( )

Q2 : Choose the correct answer in brackets:

1) The video games that you play over the Internet were created using ......

a-Programming b- Word c- Excel

2) By using coding or programming, you can invent and create ....

a-Video Games b- Animations and Movies c- All of the above

3) It is about writing multiple algorithms to generate ....

a-Algorithms b- full program c- text file

4) ..... One of the websites that help you learn programming.

a-Code.org b- Egyptian Knowledge Bank c- Google

5) .... It is about writing multiple algorithms to create a complete program.

a-Programming b- Design c- Algorithms

6) .... A term that expresses the programming process.

a- Blogs b- coding c- Digital footprint

7) .... are commands used to design a program.

a- Word b- Paint c- Programming language



Lesson 7: Graphic Art الدرس السابع : فن الجرافيك

Q1: Put the word (true) or (false):-

1- Paint program allows you to write some texts on the program page. ( )
2- The brush tool is used in Paint program to enlarge part of the image. ( )
3- You can change font size and type on Word processor software. ( )
4- The toolbox does not include the tools you need to create your drawing. ( )
5- Paint toolbox provides all the tools you need. ( )
6- To open the Paint program, click on the Accessories folder in the Start menu. ( )
7- The Snipping Tool in the Paint toolbar is used to fill colors. ( )
8- The top of the opening screen looks like Word and Excel. ( )
9- Using Paint, you can edit photos. ( )
10- Word provides graphic tools to be used in designing graphic elements. ( )
11- It is impossible to modify images through the Paint program. ( )
12- One of the components of the paint screen is the toolbox. ( )

Question 2: Choose the correct answer in brackets:

1. .... allows you to write texts and edit images on the program page.

a- paint b- browser c- Excel

2. Word processor program contains many options, including ......

a-Shapes b- 3D models c- all of the above

3. The opening screen of the Paint program includes ......

a-Toolbox b- Menu Bar c- All of the above

4. List ....used to download the Paint program.

a- Edit b- File c- Start-up menu

5. You can select and cut certain parts of the image in the Paint program using ...

a-Cropping Tool b- Color Fill Tool c- File Menu

6. The program .... is one of the popular programs in the field of editing pictures and graphics.

a-Ward b- Paint c- Excel

7. The Microsoft365 package contains software

a- Word processing b- Paint c- Google Chrome

8. Paint program is used in ....

a) word processing b) creating spreadsheets c) editing photos and graphics

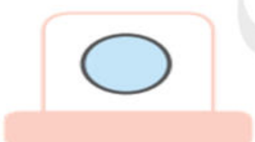
9. You can fill an image in the Paint program using the tool.

A- Fill with color- B- Text C- Pencil

Q3 : Match A with B

A	B
1. T	A. To write with a pencil.
2.	B. To view the image or figure in a larger size.
3.	C. To fill the color into the shape.
4.	D. Spray icon or coloring brush
5.	E. To write a text.

Q4 : Write the names of the following tools: السؤال الرابع : اكتب أسماء الأدوات التالية :













Lesson 8 Q : Create a presentation أسئلة الدرس الثامن : إنشاء عرض تقديمي

Q1: Put the word (true) or (false):-

1. It's preferable to use written texts instead of relevant images within your presentation. ( )
2. One of the things to consider when preparing a presentation is to avoid writing long paragraphs. ( )
3. When designing your presentation, make sure that the font type and size are legible.( )
4. PowerPoint enables slide show by pressing F5 on your keyboard. ( )
5. A text can be added to the presentation to be created. ( )
6. Visual effects can be added to move from one slide to another. ( )
7. The presentation program provides visual effects that contribute to highlighting the presentation. ( )
8. Avoid paragraphs or short sentences when designing your presentation. ( )
9. You can set a presentation time for each slide in the PowerPoint presentation program. ( )
10. You cannot insert images you created with another program into your PowerPoint presentation. ( )
11. PowerPoint provides many design options for each slide, including background colors. ( )
12. From the Transitions tab, we choose the appropriate effect to move between slides.( )
13. PowerPoint is used to create presentations. ( )
14. You can specify how you want to display the slides. ( )

Q2 : Choose the correct answer in brackets:

1. To present your ideas that you have come up with in a way that is characterized by the effects of sound and movement, you need .... program.

a. Word processor software b. Paint c. PowerPoint

2. To prepare a good presentation you have to ....
   a. link the images in the presentation to the topic.
   b. add untrusted opinions and information to the presentation.
   c. add too many fonts and colors to the presentation.
3. You can add an image within PowerPoint by choosing........

a. Slide show b. Transitions c. Insert

4. You can run your PowerPoint presentation through..... key from the keyboard.

a. F3 b. F4 c. F5

5. .... allows you to present your results for others through many motion effects.

a- power point b- browser c- Excel

6. A program .... is used to design presentations that include texts, animation effects, images and special effects.

a-word processing b- powerpoint presentations c- spreadsheets

7. To add images in your presentation, press Tab......

a-Slide show b- Design c- Insert

8. .... is a display page containing your texts and images.

a-slide b- page c- table

9. Tap .... to add another slide to your presentation.

a-New slide b- save c- copy

10. From the .... tab, choose the types of animation effects you want to use with the content of each slide.

a-Animations b– Transitions c- Slide show

11- A command that enables you to add slides in Power Point.

a- New slide b- Save c- Slide show

12- When creating a presentation, images are used

A- Character B- Black and white

C- Black and white pictures D- Pictures related to the topic of the presentation



Lesson 1

Explorer in action

Put (√) or (X)

1. Technology helps to facilitate tasks in our daily life ( )
2. Technology affects negatively on the human's daily life and help people to learn ( )
3. Technology helps on social communication and completing scholastic projects ( )
4. You can use technology on communication and search but you cannot use it on following the news ( )
5. Only the programmers can use technology ( )
6. Wiliam Tyner is a cultural anthropologist ( )
7. Wiliam Tyner is an engineer and filmmaker ( )
8. Wiliam Tyner does not use digital technology in any aspect of his work ( )
9. Wiliam Tyner works to find real solutions to problems that benefit local communities ( )
10. Mr Tyner thinks that using technology in a positive way can help people become successful digital citizens ( )
11. Mr Tyner believes digital communication and helping people to connect with each other ( )
12. Mr Tyner does not prefer working with different organizations ( )

13 The organizations build easy-to-use digital tools and apps that provide people with the information they need ( )

14 You can pay bills using special technological applications ( )

15 There are limited ways in which digital tools to help citizens ( )

16 You cannot book tickets for trains, buses and airplanes ( )

17 Purchasing a ticket easily through a website by clicking on your preferred choice ( )

18 You can save your money on the EKB ( )

19 A wealth of information is now at everyone's fingerprint with the amazing EKB website ( )

20 Digital technology is used on many places like Ministry of Tourism and Antiques and Ministry of Education ( )

Choose the correct answer:

1- Technology offers opportunities to for learning, search and …………….

a-communication b- ignorance c- isolations

2- Technology affects ……………….on many fields.

a-negatively b- positively c- badly

3- Technology helps people to ……………….many tasks.

a-facilitating b- delaying c- refusing

4- Wiliam Tyner is a……………….anthropologist

a-social b- religion c- cultural

5- Wiliam Tyner is filmmaker and ……………….expert

a-Army b- technologist c- maroons

6- ………………. works to find real solutions to problems that benefit local communities

a- Wiliam Tyner b- Ghatams Shah c- Gims Bond

7- Mr Tyner uses different types of …………….in many aspects of his work

a-colored pencils b- papers c- digital technology

8- Using technology in a positive way can help people become …………… citizens

a- digital b- safely c- away

9- ……………….is very important to build good relationships.

a-Individual b- Communication c- Ignoring others

10- Mr Tyner works with different ……………….

a-zoo b- organizations c- hospitals

11- The organizations help others by using easy to use ……………….

a-digital tools b- Vapor tools c- water colors

12- The organizations offer applications that provide people with …………..

a-materials b- food c- information

13- ……………….is one of the benefits of using technology.

a-Paying bills b- Reading books c- offering tools

14- Digital tools help people to ………………. When travelling

a-wearing clothes b- booking tickets c- sealing papers



15- You can get a wealth of information using ……………….

a-magazines b- newspapers c- EKB

Lesson 2

Digital citizenship

Put (√) or (X)

1	You can use technology positively through sharing lies	( )
2	Digital citizenship helps to enjoy and take advantages of digital technology	( )
3	Digital citizenship is the ability to use digital technology ethically and safely	( )
4	Digital citizenship does not protect your body from disease	( )
5	Digital footprint is your five fingers and it can be used to protect your data online	( )
6	Digital footprint is a record of what you do online	( )
7	Digital footprint includes the sites you visit and things you visit	( )
8	It is not important to share information about yourself and others safely and responsibly	( )
9	Crediting the sources, you find is one of the ethics online	( )
10	Being ethical is not from the digital citizenship techniques	( )
11	You can use the internet setting a strong password	( )

12 You can search for information but it must not be accurate and safe ( )

13 You must monitor the time you spend on the internet using safe websites ( )

14 Digital citizen does not have any rights and responsibilities ( )

15 Any one can share your videos without your permission ( )

16 Protecting your files from piracy is one of your rights ( )

17 Not have your digital footprint copied or shared without your consent is one of your rights ( )

18 You must never commit piracy ( )

19 You do not have the right to engage with others online, only your family ( )

20 You can post positive ideas to help your community ( )

21 You must not show positive behavior in your communication online ( )

22 Sharing information and entertainment is important when communicating online ( )

23 You can provide and access information and entertainment online when respecting intellectual property rights ( )

24 You should not evaluate what you are viewing or about to share ( )

25 You have a limited time on the internet and you can not use the internet out of this time ( )

26 You must make sure what you are looking at is a productive use of time ( )

27 You must evaluate how you are using the internet safely ( )

28 Balance is not important for your well being ( )

29 You can make a communication between people of determination and other people who want to help them ( )

30 You can share a video about ridding litter without referring to copy rights ( )

Choose the correct answer:

1- Digital citizenship is the ability to use digital……… ethically and safely

a-numbers b- lights c- technology

2- Digital citizenship helps you protect your……………….footprint

a-numeric b- manual c- digital

3- ……………….is a record of what you do online

a-google drive b- digital foot print c- picture files

4- You must share your information on a/an ……………….way

a-attractive b- easy c- safe

5- You must be ……………….when communicating with others

a-aggressive b- angry c- ethical

6- ……………….resources is one of the digital citizenship techniques

a-ignoring b- using c- crediting

7- You can use the internet safely by setting a ……………….password

a-strong b- divided c- unrecognized

8- You can use updated software and watch the……………….

a- time you spend online b- updated software c- pictures

9- Digital footprint includes ……………….you visit online

a-Grammer b- websites c- structure

10- Piracy is the ……………….circulation of content to be shared

a-illegal b- suitable c- ethical

11- You can protect the content from ……………….

a-piracy b- friends c- insects

12- From your rights is that no one can copy your ……………….footprint

a-digital b- manual c- familiar

13- Not committing piracy is of your ……………….

a- rights b- responsibilities c- functions

14- From your responsibilities sharing………………. topics face to face

a-bad b- attractive c- good

15- From your responsibilities sharing………………. behaviors

a-positive b- negative c- amused

16- You can interact with others by …………with your family and friends

a-refusing b- ignoring c- communicating

17- You can share .... And information via internet

a-entertainment b- criminal c- illegal

18- When you share any content consider others ....

a-hardware b- copy rights c- money

19- When making sure of a topic you will share this means ....

a-evaluating b- listening c- getting errors

20- When evaluating using the internet you can ....between using the internet and communicating with others

a-balance b- separate c- away

Lesson 3

Positive impacts of ICT

Put (√) or (X)

1	The government is making great efforts to provide secure and reliable digital tools	( )
2	Technology tools can help you socially, culturally and educationally	( )
3	Technology makes your life and work more difficult	( )
4	You can use technology only in education and not to communicate with others	( )
5	The Egyptian government has provided digital books and activities that help you enjoy your time	( )

6 Watching videos and TV channels provided by experts in educational materials wastes time ( )

7 Digital learning aims to achieve a skills-based educational system ( )

8 Up to the digital education system and educational materials To a specific group of students and not everyone ( )

9 Digital devices do not provide any help to people with speech difficulties ( )

10 People with speech difficulties can communicate with others using digital devices ( )

11 People with speech difficulties can learn language at school using pictures ( )

12 Students who do not leave their homes can use digital devices and contact teachers ( )

13 Digital devices provide the necessary learning materials for students who suffer from health problems that prevent them from leaving the house ( )

14 The Egyptian Knowledge Bank provides citizens with the required money at any time ( )

15 The Egyptian Knowledge Bank provides guidance and tips on how to register and use the site ( )

16 The Egyptian Knowledge Bank provides the required information but does not hold educational seminars for teachers, students or parents ( )

17	You can see the videos you want, but you cannot use video sharing platforms to post a video of your own	( )
18	Different videos confirm your information but do not add anything new to you	( )
19	You can post any information Without consulting anyone, even if they are not reliable	( )
20	You can work with your classmates online virtually on an out-of-school project	( )
21	Video sharing platforms offer video chat chat service	( )
22	You can join an online group with which you share the same interests through video-sharing platforms	( )
23	You can play chess and various sports and watch movies with your classmates in real life, but not virtually over the Internet	( )
24	One of the common communication applications is the messaging app WhatsApp and social media platform Facebook	( )
25	Skype is a virtual meeting application	( )

Choose the correct answer:

1- **You can use .... tools To help you socially, intellectually and educationally.**

a- Technology **b- Engineering** **c- Lab**

2. The government is making great efforts to provide tools for .... Safe and reliable.

a- Harmful **b- digital** **c- glass**

3. You can use technology for education and.................................

a- Harassing others b- Spying on others c- Communicating with others

4. Provided to the government of .... Digital resources to help you enjoy your time through digital books.

a- 2015 b- 2008 c- 2018

5. Experts in educational materials provide videos and TV channels that work on .... Time

a- wasting b- saving c- losing

6. Digital learning achieves .... Emphasized by the educational system

a- skills b- luxuries c- trifles

7. Digital learning ensures access................ to educational materials.

a- Some pupils b- All pupils c- one of the pupils

8. Digital devices help people with speech difficulties through..................

a- Communication with others b- Providing material aid c- Providing food

9- Language can be taught to people with speech difficulties in .... Using pictures.

a- Places of Worship b- Hospital c- School

10-................... helps students who cannot leave their homes Contact teachers

a- Digital Devices b- Calculator c- Companies

11- The Egyptian Knowledge Bank holds .... Online for teachers, pupils and parents

a- Ownership Contracts b- Trials c- Seminars

12 .... Bank provides Egyptian citizens with access to educational materials in the Digital Library

a- Egypt b- National c- Knowledge

13- The Egyptian Knowledge Bank provides guidance and advice on ....

a- Register on the website b- currency trading c- Open a financial account

14. If you want to learn how pizza works, you can watch the .... clip

a- Audio b- Video c-song

15-You can share a video of your preparation online using.................

a- Video sharing platforms b- Scripting software c- Device settings

16-You should consult .... Before posting anything online

a- A teacher or a family member b- Non-specialist c- A passerby on Street

17 - you can work with your colleagues online through....................

a- School Interview b- Virtual Classroom c-Interviews in Clubs

18. You can chat with your colleagues online through .... conversations

a- Phone b-Video c- Text Messaging

19 - A commonly used communication app Meeting App, ... Facebook, Skype

a- WhatsApp b- Digital Wellbeing c-Photo Editor



Lesson 4

Internet communication

Put (√) or (X)

1. You can use the Internet synchronously and asynchronously to communicate ( )
2. Chronic communication is defined as communication that occurs in real time through delayed responses ( )
3. Chronic communication enables the exchange of information and files between two people at the same time ( )
4. Synchronous communication takes place through various digital tools, including daily chat rooms, instant video updates ( )
5. Asynchronous communication requires an immediate response and information exchange at the same time ( )
6. When transferring files between two people, it is not necessary to be present at the same time in Asynchronous connection status ( )
7. From various digital tools and resources, recorded tutorials, sending files to e-mail ( )
8. Video chats allow you to communicate directly with one or more people via your laptop ( )
9. No camera or video chat app is required on your device for synchronous communication ( )

10	You can instantly message with others and send messages without the Internet	( )
11	Instant messages include text only without adding photos or videos	( )
12	Instant messaging tools Required on your computer instant messaging program or mobile application	( )
13	The mobile application does not allow you direct access to various programs such as the computer	( )
14	From mobile applications e-mail, instant messaging, social networking pages	( )
15	All mobile applications are not installed on the device and need to be downloaded	( )
16	There are some applications already installed on the mobile phone while others need to be downloaded	( )
17	Chat rooms allow you to call in groups	( )
18	Chat rooms often focus on a variety of topics	( )
19	From chat room tools Browsers without the Internet	( )
20	Internet Explorer mobile application is one of the necessary tools for a chat room	( )
21	One of the chat room tools Photo editing and editing software	( )
22	The email application on your mobile device is one of the tools necessary for asynchronous communication	( )
23	You can use digital text editing software to send and receive images	( )

24 Text and instant messages are more formal than mail messages E-mail ( )

25 You can ask your teacher for help by communicating with him via e-mail ( )

26 One of your colleagues can help you in your study project through e-mail ( )

27 Not available Communicate with government agencies via e-mail ( )

28 You can share your ideas via e-mail ( )

29 Synchronous and asynchronous communication methods do not have any positives ( )

30 You can classify the types of Internet connection into synchronous and asynchronous connection ( )

31 From chat room tools Editing program Photo Editing ( )

32 More than one type of Internet communication can be used to achieve a specific goal ( )

Choose the correct answer:

1-You can classify the types of internet connection into synchronous connection and .... connection

a- Asynchronous b- Safe c-Insecure

2. .... is Known Real-time communication via instant responses.

a- Night Connection b- Asynchronous Connection c- synchronous Connection

3. Synchronous communication is the exchange of information or files between two people in .... timing

a- home b- Same c- work

4. From Synchronous communication tools to instant chat rooms, video chats,...........

a-Settings adjustment programs b- Recorded streaming programs c- Live TV programs

5. Asynchronous communication is what .... Immediate response.

a- Does not require b- requires c- must

6. It does not require the presence of two people at the same time when transferring files in ....

a- Synchronous connection b- Asynchronous communication c-Telephone communication

7. Tutorials are .... of asynchronous communication tools.

a- Direct b- Recorded c- Concurrent

8. You can use .... in asynchronous communication.

a- Chat Rooms b- Instant Chat c- Email

9. .... Allow you to Direct contact with one or more person

a- video conversations b- music files c-digital text programs

10. .... must be available When communicating through video chats

a- camera and speakers b- pen and paper c- compartment suitable

11. Instant messaging allows you to send messages using ....

a- Homing pigeons b- P.O. Box c- Internet

12. Instant messages include text only or .... or Videos

a- Device Settings b- Pictures c-recorded clips.

13.You must have one of the necessary instant messaging tools on your computer, such as................

a- Instant messenger b- camera c- speakers

14. The .... app allows Direct access to different programs

a- mobile phone b- chat c- email

15. .... is One of the programs you can access via the mobile application to communicate with others

a- Save files as pdf b- Audio and video editing c- video chats

16. .... Allow you to Chat in groups and are often around a single topic.

a- Chat Rooms b- Email c- Text Messages

17. From chat room tools .... , Internet Explorer

a- Google Chrome b- Google Drive c- Google Play

18. You can send and receive messages through ....

A- Watching videos b- Email c-using DVR

19. Emails are more .... text messaging

a- Formal b- exciting c- beautiful

20. You can communicate via email using...................

a- Email b- Video Chats c-Chat Rooms



Lesson 5

How to use e-communication

Put (√) or (X)

1. Electronic communication etiquette should be observed when using digital tools to communicate with others. (   )
2. To join a video chat, you can join directly without having to click on any links (   )
3. You can create a link and send it to participants to start a video chat. (   )
4. You must be allowed to enter the video chat if you want to join the conversation by clicking on its link (   )
5. You can directly reply to conversations without having to turn on the camera or microphone (   )
6. The camera and microphone are necessary tools for video chatting (   )
7. Sometimes the person in charge of the video chat turns off other people's microphones (   )
8. You cannot control the sound of the microphone or turn on the camera without the permission of the person in charge of the video chat (   )
9. There is a specific time to turn the camera and microphone on and off while video chatting (   )

10 Anyone can see you if you turn on the microphone. ( )

11 You should dress appropriately while video chatting and act as if you are in a public place ( )

12 It is video chat etiquette to talk whenever you want without waiting for your turn ( )

13 You should remove anything in the background that indicates personal data you don't want to share ( )

14 Someone can recognize your identity or address through a background that you put without paying attention to it and that contains personal information about you ( )

15 It is difficult to write in chat rooms as it requires many steps ( )

16 Chat rooms specialize in displaying content only without sending or receiving messages ( )

17 Some participants can reply to your messages in chat rooms ( )

18 Chat rooms are considered home rooms and are not a means of social media ( )

19 Anyone who has access to chat rooms will be able to read your messages ( )

20 You need to be polite, helpful, and positive when talking to others through communication ( )

21 When messaging someone using instant messaging, you can click on their name, then type your message and click on the send icon ( )

22 Instant messaging is a fun and informal way to communicate ( )

23 You can use short phrases instead of full sentences as well as symbols and images to communicate ( )

24 It is common to use emails in more formal situations ( )

25 You cannot create an account on the Egyptian Knowledge Bank or email your teacher ( )

26 To send an email to someone, type their address and then click Send Direct ( )

27 You have to write the email address of the person you want to communicate with in the To field ( )

28 You must provide clear information about the subject of the message in the subject line ( )

29 When writing messages, you do not have to make sure to use the correct grammar rules ( )

30 You should make sure that the information or attachments you send are safe and accurate when you send them in an email. ( )

Choose the correct answer:

1-To start a video chat, you can create .... and send it to participants.

a- Video b- file c- link

2-To .... video chat you need to click on any of your link.

a- Remove b- Join to c-Ignore

3-To join a video chat, you need to click on the link and wait until ....

a- Allow you to enter b- End of video c-Turn on the camera

b-

4- You can reply to the conversation by pressing the icon ....

a- Phone/Video b- Phone/Camera c-Phone/Microphone

5- To use video chat, you must make sure that .... is turned on

a- Camera/Microphone b- Game Store c-App Store

6- .... Control the volume of the microphone or turn on the camera whenever you want to video chat.

a- You don't have the right, b- you can't c- you can

7- Anyone can see you if you turn on .... during a video chat.

a- Microphone b- Camera c-Music

8-................. your turn to talk is considered video chat etiquette.

a- Waiting b- bypass c-Ignore

9- Anyone can recognize your address by the .... you put on during the video chat.

a- Picture of some plants b- background c-music

10- You have to wear .... clothes while video chatting.

a- Strangely b- inappropriate c-occasion

11- Anyone can join the chat room if they have ....

a- Key b-Link c-Password

12- Anyone who has access to the .... room can read your messages.

a- Office b- Living c-Chat

13- To instant message someone, click on their name, type the message, and then click ....

a- Delete b- Edit c-Send

14- You can add ...., images and short phrases to communicate via IM instead of long sentences.

a- Story b-hair c-symbols

15- It is common to use .... in more formal situations.

a- Chat Rooms b- Email Messages c-Instant Messaging

16- Chat rooms allow you to send and .... messages, and participants may reply to your message.

a- Deleting settings b- prevent c- receive

17- You can create an account on .... to communicate online or message your teacher.

a- Egypt b- Egyptian Knowledge Egyptian c- National Bank

18- To send an email to someone, type their email address in the .... field

a- Subject b- Sent c-(To:)

19- You must make sure that the information you send is safe and accurate if you are sending .... via email

a- Parcel b- money c-attachments

20- Video chats, chat rooms, and email can be used through your cell phone or computer provided you have a/an .... connection

a- Soccer b- Fishing c-Internet

Lesson 6

Online learning environment and sources

Put (√) or (X)

1 Edmodo is one of the online learning environments in the field of education ( )

2 Online learning environments allow teachers and students to communicate with each other as long as they are in the same place ( )

3 Teachers can upload homework assignments and tests online for students to access ( )

4 Although teachers can communicate with their students online, they cannot deliver a virtual lesson to them ( )

5 When students complete their assignments, they can communicate with their teachers and post them online ( )

6 There are a very limited number of online learning resources that can help you learn about different topics ( )

7 The Egyptian Knowledge Bank is the first e-library in Egypt that contains resources on various topics ( )

8 The e-library enables you to search and view different topics, digital articles, and videos by simply clicking on them ( )

9 You can communicate with your colleagues online without being restricted to a place ( )

10	Online learning environments do not allow you to upload tests or homework assignments, but they do allow for virtual lessons	( )
11	To access and browse the Egyptian Knowledge Bank, you must first register on it with an email and password	( )
12	Vlaby is a virtual lab platform that enables students and teachers to conduct virtual lab experiments	( )
13	Vlaby is an informative platform but loses the fun of learning	( )
14	National Geographic Kids is a platform for teaching adults about specific topics	( )
15	One of the sources through which children can find specific topics online is National Geographic Kids	( )
16	National Geographic Kids is a multidisciplinary source of information, including science, history, and geography	( )
17	National Geographic offers an interactive map designer	( )
18	The interactive map designer provides real art education drawing tools for students and teachers	( )
19	The interactive map designer allows the use of topics, data, and tools related to maps	( )
20	The interactive mapmaker is called Mapmaker Interactive	( )
21	Reliable online digital tools are invaluable sources of information	( )
22	Mapmaker Interactive is not a safe interactive website for research and data collection	( )

23 You can only choose one of the online learning resources to research and access information or data of interest to you. ( )

24 You can use the Egyptian Knowledge Bank to read about the Egyptian pyramids ( )

25 Using educational platforms and various digital resources to search for information are steps to help you conduct your digital research ( )

Choose the correct answer:

1- Digital learning environments such as .... allow teachers and students to communicate with each other.

a- Agricultural environment b- Edmodo c- Industrial environment

2- You don't have to be in the same place when delivering lessons ....

a- Virtual b- Live c-Classroom

3- Digital learning environments provide the possibility of .... the teacher for tests.

a- Photocopy b- Print c- Download

4- Students can .... for assignments after completing them to communicate with their teachers.

a- Publish b-Delete c- Neglect

5- You can open .... on the Egyptian Knowledge Bank.

a- Digital page b- account c- deposit

6- The Egyptian Knowledge Bank is the first .... in Egypt that contains resources on various topics.

a- Currency trading bank b- Digital library c-Paper library

7- You can access articles .... through the Egyptian Knowledge Bank.

a-Electronic b-electronic paper c- scientific paper stories

8- The platform is called .... as a virtual labs platform.

a- Edmodo b- School c-Vlappy

9- Students can conduct virtual lab experiments through the informative and fun .... platform.

a- Vlaby b- Edmodo c-Edrak

10- .... is a popular source where children can find information on a particular topic.

a- National Geographic Kids b- National Geographic c-Wildlife

11- .... is a unique interactive feature offered by National Geographic.

a- Fashion Designer Interactive b- Mapmaker Interactive c-Architectural Designer

12- Mapmaker Interactive provides tools to...................... for students and teachers.

a- Sculpture b- Art Drawing c-Draw maps

13- The interactive map designer allows the use of themes, data, and tools related to ....

a- Laboratories b- Maps c-Hospitals

14- The Interactive Map Designer website is one of the sites .... for research and data collection.

a-Safe b-Harmful c-Dangerous

15-Using educational platforms and digital resources to search for information Steps .... Conducting your digital research

a-Hinder you from b- Helping you from c-preventing you from

Lesson 7

Planning digital searches

Put (√) or (X)

1	Planning ahead for any digital research helps you focus on the information you are trying to gather	( )
2	You can choose any topic to research without knowing what it is	( )
3	You can learn some additional points through your research on a topic.	( )
4	Taking notes is a positive and stabilizing point when conducting research	( )
5	Choosing the types of electronic sources used in the research follows the choice of the research topic	( )
6	Digital research should not include other sources such as audio recordings and videos	( )

7	You must rely solely on any of the digital learning sources when conducting research without consulting anyone	( )
8	You must evaluate the sources you have chosen on whether they are reliable or not	( )
9	In order to be able to document the source, do not forget to mention it in your notes when transcribing	( )
10	Be careful when using information you find in unreliable sources	( )
11	Articles written by experts are considered unreliable sources	( )
12	Facebook, wikis, and blogs are considered reliable sources of knowledge	( )
13	Reliable sources present information in a professional manner, are carefully written, and have fewer grammatical and spelling errors	( )
14	When you are done, you can collect your notes and documented information and use them to write an outline	( )
15	Writing an outline includes an introduction, supporting paragraphs, and a conclusion	( )
16	An outline helps you present your information in a random way	( )
17	When writing an outline, you start with an introduction that introduces the topic of the report	( )
18	Supporting paragraphs provide final thoughts about the information presented	( )
19	Information and data about the topic is presented by writing a conclusion when writing an outline	( )

20- Unreliable sources are more likely to present valid data ( )

Choose the correct answer:

1- Planning ahead for any digital research will help you .... the information you are trying to gather

a-distracted b- focused c- lost

2-You can write down .... about your research topic.

a-Your notes b- memoirs c-personal data

3- After choosing the research topic, you have to choose the type of .... that you will use in your research.

a-Electronic Sources b- Energy Sources c-Electricity Sources

4- It is likely that the .... research will include other sources such as audio recordings and videos

a-Social b- paper c-digital

5- You can .... types of sources and find out (are they reliable or not?)

a-Leave b- rate c-ignore

6- When conducting your digital research, you should .... the topic of your research.

a- Focus on b- neglecting to c-publish

7- Don't forget to credit the source in your notes so that you can .... in your report.

a-Delete it b- Ignore it c- Document it

8- Facebook is one of the .... sources to collect data and information.

a-Guaranteed b-Unreliable c-Reliable

9- One of the unreliable sources of data collection is ...., blogs.

a-Wiki b-The Egyptian Knowledge Bank c-Interactive Map Designer

10- You need to make sure the extent of .... the sources you use when obtaining information.

a-After b- the reliability of c- damage

11- Reliable sources are information or articles written by ....

a-children b- non-specialized c-experts

12- Reliable sources are written professionally, carefully, and .... grammatical and spelling errors.

a- Less b- more c- great

13- After you finish, you can collect your notes and documented information and use them to……………..

a-put it in a book b- write an outline for c-further research

14- Writing an outline helps to present information in a way that is ....

a-unsatisfactory b- random c- logical

15- When writing an outline, it should include an introduction, supporting paragraphs, and………………..

a-end b- music c- video

Lesson 8

Synchronous and Asynchronous communication

Put (√) or (X)

1. The Internet allows us to communicate synchronously ( )
2. You can have conversations to check on people who live far away from us ( )
3. Synchronous communication between people is good at all times ( )
4. It is preferable to give others time to think about the information we have sent, such as questions and answers ( )
5. It is important to know when to use each type of communication ( )
6. You can choose the right learning environment for you depending on the situation ( )
7. Synchronous communication is appropriate when the information is urgent or needs to be conveyed quickly ( )
8. When the answer doesn't require a lot of thought and preparation, you can choose synchronous communication ( )
9. Asynchronous communication is preferred when communicating between friends or family members ( )
10. Asynchronous communication is inappropriate between people who do not know each other well ( )
11. When the information is not urgent, you can choose synchronous communication ( )

12- When you need to think and prepare, you can choose asynchronous communication ( )

Choose the correct answer:

1- Synchronous communication .... between people is always a good thing

a- Is not considered b- It is considered c- Try

2- Sometimes we have to give others time to .... The information we sent, such as questions and answers.

a- lose b- think about c- ignore

3- You should know when to use each type of .... to interact with others online.

a-Communication b-Writing c-Texting

4- The preferred communication between friends and close family members is communication ....

a-synchronous b- asynchronous c-telephone

5- Synchronous communication is appropriate when the information that needs to be transmitted quickly is ....

a-Urgent b-Unimportant c-harmful

6- When the answer doesn't require a lot of thought and preparation, you should choose to call ....

a-Asynchronous b-Synchronous c-Telephone

7- Asynchronous communication can be used between ....

a-close people b-people who don't know each other's c-friends



Lesson 1

Explorer in action

Put (√) or (X)

1	Technology helps to facilitate tasks in our daily life	(√)
2	Technology affects negatively on the human's daily life and help people to learn	(X)
3	Technology helps on social communication and completing scholastic projects	(√)
4	You can use technology on communication and search but you cannot use it on following the news	(X)
5	Only the programmers can use technology	(X)
6	Wiliam Tyner is a cultural anthropologist	(√)
7	Wiliam Tyner is an engineer and filmmaker	(X)
8	Wiliam Tyner does not use digital technology in any aspect of his work	(X)
9	Wiliam Tyner works to find real solutions to problems that benefit local communities	(√)
10	Mr Tyner thinks that using technology in a positive way can help people become successful digital citizens	(√)
11	Mr Tyner believes digital communication and helping people to connect with each other	(√)
12	Mr Tyner does not prefer working with different organizations	(X)

13 The organizations build easy-to-use digital tools and apps that provide people with the information they need (√)

14 You can pay bills using special technological applications (√)

15 There are limited ways in which digital tools to help citizens (X)

16 You cannot book tickets for trains, buses and airplanes (X)

17 Purchasing a ticket easily through a website by clicking on your preferred choice (√)

18 You can save your money on the EKB (X)

19 A wealth of information is now at everyone's fingerprint with the amazing EKB website (√)

20 Digital technology is used on many places like Ministry of Tourism and Antiques and Ministry of Education (√)

Choose the correct answer:

1- Technology offers opportunities to for learning, search and …………….

a-communication b- ignorance c- isolations

2- Technology affects ……………….on many fields.

a-negatively b- positively c- badly

3- Technology helps people to ……………….many tasks.

a-facilitating b- delaying c- refusing

4- Wiliam Tyner is a……………….anthropologist

a-social b- religion c- cultural

5- Wiliam Tyner is filmmaker and ……………….expert

a-Army   b- technologist   c- maroons

6- ………………. works to find real solutions to problems that benefit local communities

a- Wiliam Tyner   b- Ghatams Shah   c- Gims Bond

7- Mr Tyner uses different types of …………….in many aspects of his work

a-colored pencils   b- papers   c- digital technology

8- Using technology in a positive way can help people become …………… citizens

a- digital   b- safely   c- away

9- ……………….is very important to build good relationships.

a-Individual   b- Communication   c- Ignoring others

10- Mr Tyner works with different ……………….

a-zoo   b- organizations   c- hospitals

11- The organizations help others by using easy to use ……………….

a-digital tools   b- Vapor tools   c- water colors

12- The organizations offer applications that provide people with …………

a-materials   b- food   c- information

13- ……………….is one of the benefits of using technology.

a-Paying bills   b- Reading books   c- offering tools

14- Digital tools help people to ………………. When travelling

a-wearing clothes   b- booking tickets   c- sealing papers



15- You can get a wealth of information using ....

a-magazines b- newspapers c- EKB

Lesson 2

Digital citizenship

Put (√) or (X)

1	You can use technology positively through sharing lies	(X)
2	Digital citizenship helps to enjoy and take advantages of digital technology	(√)
3	Digital citizenship is the ability to use digital technology ethically and safely	(√)
4	Digital citizenship does not protect your body from disease	(X)
5	Digital footprint is your five fingers and it can be used to protect your data online	(X)
6	Digital footprint is a record of what you do online	(√)
7	Digital footprint includes the sites you visit and things you visit	(√)
8	It is not important to share information about yourself and others safely and responsibly	(X)
9	Crediting the sources, you find is one of the ethics online	(√)
10	Being ethical is not from the digital citizenship techniques	(X)
11	You can use the internet setting a strong password	(X)

12	You can search for information but it must not be accurate and safe	(X)
13	You must monitor the time you spend on the internet using safe websites	(√)
14	Digital citizen does not have any rights and responsibilities	(X)
15	Any one can share your videos without your permission	(X)
16	Protecting your files from piracy is one of your rights	(√)
17	Not have your digital footprint copied or shared without your consent is one of your rights	(√)
18	You must never commit piracy	(√)
19	You do not have the right to engage with others online, only your family	(X)
20	You can post positive ideas to help your community	(√)
21	You must not show positive behavior in your communication online	(X)
22	Sharing information and entertainment is important when communicating online	(√)
23	You can provide and access information and entertainment online when respecting intellectual property rights	(√)
24	You should not evaluate what you are viewing or about to share	(X)
25	You have a limited time on the internet and you can not use the internet out of this time	(X)

26	You must make sure what you are looking at is a productive use of time	(√)
27	You must evaluate how you are using the internet safely	(√)
28	Balance is not important for your well being	(X)
29	You can make a communication between people of determination and other people who want to help them	(√)
30	You can share a video about ridding litter without referring to copy rights	(X)

Choose the correct answer:

1- Digital citizenship is the ability to use digital……… ethically and safely

a-numbers b- lights c- technology

2- Digital citizenship helps you protect your……………….footprint

a-numeric b- manual c- digital

3- ……………….is a record of what you do online

a-google drive b- digital foot print c- picture files

4- You must share your information on a/an ……………….way

a-attractive b- easy c- safe

5- You must be ……………….when communicating with others

a-aggressive b- angry c- ethical

6- ……………….resources is one of the digital citizenship techniques

a-ignoring b- using c- crediting

7- You can use the internet safely by setting a ……………….password

a-strong b- divided c- unrecognized

8- You can use updated software and watch the……………….

a- time you spend online b- updated software c- pictures

9- Digital footprint includes ……………….you visit online

a-Grammer b- websites c- structure

10- Piracy is the ……………….circulation of content to be shared

a-illegal b- suitable c- ethical

11- You can protect the content from ……………….

a-piracy b- friends c- insects

12- From your rights is that no one can copy your ……………….footprint

a-digital b- manual c- familiar

13- Not committing piracy is of your ……………….

a- rights b- responsibilities c- functions

14- From your responsibilities sharing………………. topics face to face

a-bad b- attractive c- good

15- From your responsibilities sharing………………. behaviors

a-positive b- negative c- amused

16- You can interact with others by …………with your family and friends

a-refusing b- ignoring c- communicating

17- You can share ………………. And information via internet

a-entertainment b- criminal c- illegal

18- When you share any content consider others ……………….

a-hardware b- copy rights c- money

19- When making sure of a topic you will share this means ……………….

a-evaluating b- listening c- getting errors

20- When evaluating using the internet you can ……………….between using the internet and communicating with others

a-balance b- separate c- away

Lesson 3

Positive impacts of ICT

Put (√) or (X)

1 The government is making great efforts to provide secure and reliable digital tools (√)

2 Technology tools can help you socially, culturally and educationally (√)

3 Technology makes your life and work more difficult (X)

4 You can use technology only in education and not to communicate with others (X)

5 The Egyptian government has provided digital books and activities that help you enjoy your time (√)

6	Watching videos and TV channels provided by experts in educational materials wastes time	(X)
7	Digital learning aims to achieve a skills-based educational system	(√)
8	Up to the digital education system and educational materials To a specific group of students and not everyone	(X)
9	Digital devices do not provide any help to people with speech difficulties	(X)
10	People with speech difficulties can communicate with others using digital devices	(√)
11	People with speech difficulties can learn language at school using pictures	(√)
12	Students who do not leave their homes can use digital devices and contact teachers	(√)
13	Digital devices provide the necessary learning materials for students who suffer from health problems that prevent them from leaving the house	(√)
14	The Egyptian Knowledge Bank provides citizens with the required money at any time	(X)
15	The Egyptian Knowledge Bank provides guidance and tips on how to register and use the site	(√)
16	The Egyptian Knowledge Bank provides the required information but does not hold educational seminars for teachers, students or parents	(X)

17 You can see the videos you want, but you cannot use video sharing platforms to post a video of your own (X)

18 Different videos confirm your information but do not add anything new to you (X)

19 You can post any information Without consulting anyone, even if they are not reliable (X)

20 You can work with your classmates online virtually on an out-of-school project (√)

21 Video sharing platforms offer video chat chat service (√)

22 You can join an online group with which you share the same interests through video-sharing platforms (√)

23 You can play chess and various sports and watch movies with your classmates in real life, but not virtually over the Internet (X)

24 One of the common communication applications is the messaging app WhatsApp and social media platform Facebook (√)

25 Skype is a virtual meeting application (√)

Choose the correct answer:

2- You can use .... tools To help you socially, intellectually and educationally.

a- Technology b- Engineering c- Lab

2. The government is making great efforts to provide tools for .... Safe and reliable.

a- Harmful b- digital c- glass

3. You can use technology for education and................................

a- Harassing others b- Spying on others c- Communicating with others

4. Provided to the government of .... Digital resources to help you enjoy your time through digital books.

a- 2015 b- 2008 c- 2018

5. Experts in educational materials provide videos and TV channels that work on .... Time

a- wasting b- saving c- losing

6. Digital learning achieves .... Emphasized by the educational system

a- skills b- luxuries c- trifles

7. Digital learning ensures access................ to educational materials.

a- Some pupils b- All pupils c- one of the pupils

8. Digital devices help people with speech difficulties through..................

a- Communication with others b- Providing material aid c- Providing food

9- Language can be taught to people with speech difficulties in .... Using pictures.

a- Places of Worship b- Hospital c- School

10-.................. helps students who cannot leave their homes Contact teachers

a- Digital Devices b- Calculator c- Companies

11- The Egyptian Knowledge Bank holds .... Online for teachers, pupils and parents

b- Ownership Contracts b- Trials c- Seminars

12 .... Bank provides Egyptian citizens with access to educational materials in the Digital Library

c- Egypt b- National c- Knowledge

13- The Egyptian Knowledge Bank provides guidance and advice on ....

a- Register on the website b- currency trading c- Open a financial account

14. If you want to learn how pizza works, you can watch the .... clip

a- Audio b- Video c-song

15-You can share a video of your preparation online using.................

a-Video sharing platforms b- Scripting software c- Device settings

16-You should consult .... Before posting anything online

b- A teacher or a family member b- Non-specialist c- A passerby on Street

17 - you can work with your colleagues online through....................

a- School Interview b- Virtual Classroom c-Interviews in Clubs

18. You can chat with your colleagues online through .... conversations

a- Phone b-Video c- Text Messaging

19 - A commonly used communication app Meeting App, ... Facebook, Skype

a-WhatsApp b- Digital Wellbeing c-Photo Editor



Lesson 4

Internet communication

Put (√) or (X)

1	You can use the Internet synchronously and asynchronously to communicate	(X)
2	Chronic communication is defined as communication that occurs in real time through delayed responses	(X)
3	Chronic communication enables the exchange of information and files between two people at the same time	(√)
4	Synchronous communication takes place through various digital tools, including daily chat rooms, instant video updates	(√)
5	Asynchronous communication requires an immediate response and information exchange at the same time	(X)
6	When transferring files between two people, it is not necessary to be present at the same time in Asynchronous connection status	(√)
7	From various digital tools and resources, recorded tutorials, sending files to e-mail	(√)
8	Video chats allow you to communicate directly with one or more people via your laptop	(√)
9	No camera or video chat app is required on your device for synchronous communication	(X)

10	You can instantly message with others and send messages without the Internet	(X)
11	Instant messages include text only without adding photos or videos	(X)
12	Instant messaging tools Required on your computer instant messaging program or mobile application	(√)
13	The mobile application does not allow you direct access to various programs such as the computer	(X)
14	From mobile applications e-mail, instant messaging, social networking pages	(√)
15	All mobile applications are not installed on the device and need to be downloaded	(X)
16	There are some applications already installed on the mobile phone while others need to be downloaded	(√)
17	Chat rooms allow you to call in groups	(√)
18	Chat rooms often focus on a variety of topics	(X)
19	From chat room tools Browsers without the Internet	(X)
20	Internet Explorer mobile application is one of the necessary tools for a chat room	(√)
21	One of the chat room tools Photo editing and editing software	(X)
22	The email application on your mobile device is one of the tools necessary for asynchronous communication	(√)
23	You can use digital text editing software to send and receive images	(X)

24	Text and instant messages are more formal than mail messages E-mail	(X)
25	You can ask your teacher for help by communicating with him via e-mail	(√)
26	One of your colleagues can help you in your study project through e-mail	(X)
27	Not available Communicate with government agencies via e-mail	(X)
28	You can share your ideas via e-mail	(X)
29	Synchronous and asynchronous communication methods do not have any positives	(X)
30	You can classify the types of Internet connection into synchronous and asynchronous connection	(√)
31	From chat room tools Editing program Photo Editing	(X)
32	More than one type of Internet communication can be used to achieve a specific goal	(√)

Choose the correct answer:

1-You can classify the types of internet connection into synchronous connection and .... connection

a- Asynchronous   b- Safe   c-Insecure

2. .... is Known Real-time communication via instant responses.

a- Night Connection   b- Asynchronous Connection   c- synchronous Connection

3. Synchronous communication is the exchange of information or files between two people in .... timing

a- home b- Same c- work

4. From Synchronous communication tools to instant chat rooms, video chats,...........

a-Settings adjustment programs b- Recorded streaming programs c- Live TV programs

5. Asynchronous communication is what .... Immediate response.

a- Does not require b- requires c- must

6. It does not require the presence of two people at the same time when transferring files in ....

a- Synchronous connection b- Asynchronous communication c-Telephone communication

7. Tutorials are .... of asynchronous communication tools.

a- Direct b- Recorded c- Concurrent

8. You can use .... in asynchronous communication.

a- Chat Rooms b- Instant Chat c- Email

9. .... Allow you to Direct contact with one or more person

a- video conversations b- music files c-digital text programs

10. .... must be available When communicating through video chats

a- camera and speakers b- pen and paper c- compartment suitable

11. Instant messaging allows you to send messages using ....

a- Homing pigeons b- P.O. Box c- Internet

12. Instant messages include text only or .... or Videos

a- Device Settings b- Pictures c-recorded clips.

13.You must have one of the necessary instant messaging tools on your computer, such as................

a- Instant messenger b- camera c- speakers

14. The .... app allows Direct access to different programs

a- mobile phone b- chat c- email

15. .... is One of the programs you can access via the mobile application to communicate with others

a- Save files as pdf b- Audio and video editing c- video chats

16. .... Allow you to Chat in groups and are often around a single topic.

a- Chat Rooms b- Email c- Text Messages

17. From chat room tools .... , Internet Explorer

a- Google Chrome b- Google Drive c- Google Play

18. You can send and receive messages through ....

A- Watching videos b- Email c-using DVR

19. Emails are more .... text messaging

a- Formal b- exciting c- beautiful

20. You can communicate via email using...................

a- Email b- Video Chats c-Chat Rooms



Lesson 5

How to use e-communication

Put (√) or (X)

1. Electronic communication etiquette should be observed when using digital tools to communicate with others. (√)
2. To join a video chat, you can join directly without having to click on any links (X)
3. You can create a link and send it to participants to start a video chat. (√)
4. You must be allowed to enter the video chat if you want to join the conversation by clicking on its link (√)
5. You can directly reply to conversations without having to turn on the camera or microphone (X)
6. The camera and microphone are necessary tools for video chatting (√)
7. Sometimes the person in charge of the video chat turns off other people's microphones (√)
8. You cannot control the sound of the microphone or turn on the camera without the permission of the person in charge of the video chat (X)
9. There is a specific time to turn the camera and microphone on and off while video chatting (X)

10	Anyone can see you if you turn on the microphone.	(X)
11	You should dress appropriately while video chatting and act as if you are in a public place	(√)
12	It is video chat etiquette to talk whenever you want without waiting for your turn	(X)
13	You should remove anything in the background that indicates personal data you don't want to share	(√)
14	Someone can recognize your identity or address through a background that you put without paying attention to it and that contains personal information about you	(√)
15	It is difficult to write in chat rooms as it requires many steps	(X)
16	Chat rooms specialize in displaying content only without sending or receiving messages	(X)
17	Some participants can reply to your messages in chat rooms	(√)
18	Chat rooms are considered home rooms and are not a means of social media	(X)
19	Anyone who has access to chat rooms will be able to read your messages	(√)
20	You need to be polite, helpful, and positive when talking to others through communication	(√)
21	When messaging someone using instant messaging, you can click on their name, then type your message and click on the send icon	(√)
22	Instant messaging is a fun and informal way to communicate	(√)

23 You can use short phrases instead of full sentences as well as symbols and images to communicate (√)

24 It is common to use emails in more formal situations (√)

25 You cannot create an account on the Egyptian Knowledge Bank or email your teacher (X)

26 To send an email to someone, type their address and then click Send Direct (X)

27 You have to write the email address of the person you want to communicate with in the To field (√)

28 You must provide clear information about the subject of the message in the subject line (√)

29 When writing messages, you do not have to make sure to use the correct grammar rules (X)

30 You should make sure that the information or attachments you send are safe and accurate when you send them in an email. (√)

Choose the correct answer:

1-To start a video chat, you can create .... and send it to participants.

b- Video   b- file   c- link

2-To .... video chat you need to click on any of your link.

b- Remove   b- Join to   c-Ignore

3-To join a video chat, you need to click on the link and wait until ....

c- Allow you to enter   b- End of video   c-Turn on the camera

4- You can reply to the conversation by pressing the icon ....

b- Phone/Video b- Phone/Camera c-Phone/Microphone

5- To use video chat, you must make sure that .... is turned on

b- Camera/Microphone b- Game Store c-App Store

6- .... Control the volume of the microphone or turn on the camera whenever you want to video chat.

b- You don't have the right, b- you can't c- you can

7- Anyone can see you if you turn on .... during a video chat.

b- Microphone b- Camera c-Music

8-................. your turn to talk is considered video chat etiquette.

b- Waiting b- bypass c-Ignore

9- Anyone can recognize your address by the .... you put on during the video chat.

b- Picture of some plants b- background c-music

10- You have to wear .... clothes while video chatting.

b- Strangely b- inappropriate c-occasion

11- Anyone can join the chat room if they have ....

b- Key b-Link c-Password

12- Anyone who has access to the .... room can read your messages.

b- Office b- Living c-Chat

13- To instant message someone, click on their name, type the message, and then click ....

b- Delete b- Edit c-Send

14- You can add ...., images and short phrases to communicate via IM instead of long sentences.

b- Story b-hair c-symbols

15- It is common to use .... in more formal situations.

b- Chat Rooms b- Email Messages c-Instant Messaging

16- Chat rooms allow you to send and .... messages, and participants may reply to your message.

b- Deleting settings b- prevent c- receive

17- You can create an account on .... to communicate online or message your teacher.

b- Egypt b- Egyptian Knowledge Egyptian c-National Bank

18- To send an email to someone, type their email address in the .... field

b- Subject b- Sent c-(To:)

19- You must make sure that the information you send is safe and accurate if you are sending .... via email

b- Parcel b- money c-attachments

20- Video chats, chat rooms, and email can be used through your cell phone or computer provided you have a/an .... connection

b- Soccer b- Fishing c-Internet

Lesson 6

Online learning environments and sources

Put (√) or (X)

1. Edmodo is one of the online learning environments in the field of education (√)
2. Online learning environments allow teachers and students to communicate with each other as long as they are in the same place (X)
3. Teachers can upload homework assignments and tests online for students to access (√)
4. Although teachers can communicate with their students online, they cannot deliver a virtual lesson to them (X)
5. When students complete their assignments, they can communicate with their teachers and post them online (√)
6. There are a very limited number of online learning resources that can help you learn about different topics (X)
7. The Egyptian Knowledge Bank is the first e-library in Egypt that contains resources on various topics (√)
8. The e-library enables you to search and view different topics, digital articles, and videos by simply clicking on them (√)
9. You can communicate with your colleagues online without being restricted to a place (√)

10 Online learning environments do not allow you to upload tests or homework assignments, but they do allow for virtual lessons (X)

11 To access and browse the Egyptian Knowledge Bank, you must first register on it with an email and password (√)

12 Vlaby is a virtual lab platform that enables students and teachers to conduct virtual lab experiments (√)

13 Vlaby is an informative platform but loses the fun of learning (X)

14 National Geographic Kids is a platform for teaching adults about specific topics (X)

15 One of the sources through which children can find specific topics online is National Geographic Kids (√)

16 National Geographic Kids is a multidisciplinary source of information, including science, history, and geography (√)

17 National Geographic offers an interactive map designer (√)

18 The interactive map designer provides real art education drawing tools for students and teachers (X)

19 The interactive map designer allows the use of topics, data, and tools related to maps (√)

20 The interactive mapmaker is called Mapmaker Interactive (√)

21 Reliable online digital tools are invaluable sources of information (√)

22 Mapmaker Interactive is not a safe interactive website for research and data collection (X)

23 You can only choose one of the online learning resources to research and access information or data of interest to you. (X)

24 You can use the Egyptian Knowledge Bank to read about the Egyptian pyramids (√)

25 Using educational platforms and various digital resources to search for information are steps to help you conduct your digital research (√)

Choose the correct answer:

1- Digital learning environments such as .... allow teachers and students to communicate with each other.

a- Agricultural environment b- Edmodo c- Industrial environment

2- You don't have to be in the same place when delivering lessons ....

a- Virtual b- Live c-Classroom

3- Digital learning environments provide the possibility of .... the teacher for tests.

a- Photocopy b- Print c- Download

4- Students can .... for assignments after completing them to communicate with their teachers.

a- Publish b-Delete c- Neglect

5- You can open .... on the Egyptian Knowledge Bank.

a- Digital page b- account c- deposit

6- The Egyptian Knowledge Bank is the first .... in Egypt that contains resources on various topics.

a- Currency trading bank b- Digital library c-Paper library

7- You can access articles .... through the Egyptian Knowledge Bank.

a-Electronic b-electronic paper c- scientific paper stories

8- The platform is called .... as a virtual labs platform.

a- Edmodo b- School c-Vlappy

9- Students can conduct virtual lab experiments through the informative and fun .... platform.

a- Vlaby b- Edmodo c-Edrak

10- .... is a popular source where children can find information on a particular topic.

a- National Geographic Kids b- National Geographic c-Wildlife

11- .... is a unique interactive feature offered by National Geographic.

a- Fashion Designer Interactive b- Mapmaker Interactive c-Architectural Designer

12- Mapmaker Interactive provides tools to...................... for students and teachers.

a- Sculpture b- Art Drawing c-Draw maps

13- The interactive map designer allows the use of themes, data, and tools related to ....

a- Laboratories b- Maps c-Hospitals

14- The Interactive Map Designer website is one of the sites .... for research and data collection.

a-Safe   b-Harmful   c-Dangerous

15-Using educational platforms and digital resources to search for information Steps .... Conducting your digital research

a-Hinder you from   b- Helping you from   c-preventing you from

Lesson 7

Planning digital searches

Put (√) or (X)

1	Planning ahead for any digital research helps you focus on the information you are trying to gather	(√)
2	You can choose any topic to research without knowing what it is	(X)
3	You can learn some additional points through your research on a topic.	(√)
4	Taking notes is a positive and stabilizing point when conducting research	(√)
5	Choosing the types of electronic sources used in the research follows the choice of the research topic	(√)
6	Digital research should not include other sources such as audio recordings and videos	(X)

7	You must rely solely on any of the digital learning sources when conducting research without consulting anyone	(√)
8	You must evaluate the sources you have chosen on whether they are reliable or not	(√)
9	In order to be able to document the source, do not forget to mention it in your notes when transcribing	(√)
10	Be careful when using information you find in unreliable sources	(√)
11	Articles written by experts are considered unreliable sources	(X)
12	Facebook, wikis, and blogs are considered reliable sources of knowledge	(X)
13	Reliable sources present information in a professional manner, are carefully written, and have fewer grammatical and spelling errors	(√)
14	When you are done, you can collect your notes and documented information and use them to write an outline	(√)
15	Writing an outline includes an introduction, supporting paragraphs, and a conclusion	(√)
16	An outline helps you present your information in a random way	(X)
17	When writing an outline, you start with an introduction that introduces the topic of the report	(X)
18	Supporting paragraphs provide final thoughts about the information presented	(X)
19	Information and data about the topic is presented by writing a conclusion when writing an outline	(X)

20- Unreliable sources are more likely to present valid data (√)

Choose the correct answer:

1- Planning ahead for any digital research will help you .... the information you are trying to gather

a-distracted b- focused c- lost

2-You can write down .... about your research topic.

a-Your notes b- memoirs c-personal data

3- After choosing the research topic, you have to choose the type of .... that you will use in your research.

a-Electronic Sources b- Energy Sources c-Electricity Sources

4- It is likely that the .... research will include other sources such as audio recordings and videos

a-Social b- paper c-digital

5- You can .... types of sources and find out (are they reliable or not?)

a-Leave b- rate c-ignore

6- When conducting your digital research, you should .... the topic of your research.

a- Focus on b- neglecting to c-publish

7- Don't forget to credit the source in your notes so that you can .... in your report.

a-Delete it b- Ignore it c- Document it

8- Facebook is one of the .... sources to collect data and information.

a-Guaranteed b-Unreliable c-Reliable

9- One of the unreliable sources of data collection is ...., blogs.

a-Wiki b-The Egyptian Knowledge Bank c-Interactive Map Designer

10- You need to make sure the extent of .... the sources you use when obtaining information.

a-After b- the reliability of c- damage

11- Reliable sources are information or articles written by ....

a-children b- non-specialized c-experts

12- Reliable sources are written professionally, carefully, and .... grammatical and spelling errors.

a-Less b- more c- great

13- After you finish, you can collect your notes and documented information and use them to……………..

a-put it in a book b- write an outline for c-further research

14- Writing an outline helps to present information in a way that is ....

a-unsatisfactory b- random c- logical

15- When writing an outline, it should include an introduction, supporting paragraphs, and………………..

a-end b- music c- video

Lesson 8

Synchronous and Asynchronous communication

Put (√) or (X)

1	The Internet allows us to communicate synchronously	(√)
2	You can have conversations to check on people who live far away from us	(√)
3	Synchronous communication between people is good at all times	(X)
4	It is preferable to give others time to think about the information we have sent, such as questions and answers	(√)
5	It is important to know when to use each type of communication	(X)
6	You can choose the right learning environment for you depending on the situation	(√)
7	Synchronous communication is appropriate when the information is urgent or needs to be conveyed quickly	(√)
8	When the answer doesn't require a lot of thought and preparation, you can choose synchronous communication	(√)
9	Asynchronous communication is preferred when communicating between friends or family members	(X)
10	Asynchronous communication is inappropriate between people who do not know each other well	(√)
11	When the information is not urgent, you can choose synchronous communication	(X)

12- When you need to think and prepare, you can choose asynchronous communication (√)

Choose the correct answer:

1- Synchronous communication .... between people is always a good thing

a- Is not considered b- It is considered c- Try

2- Sometimes we have to give others time to .... The information we sent, such as questions and answers.

a- lose b- think about c- ignore

3- You should know when to use each type of .... to interact with others online.

a-Communication b-Writing c-Texting

4- The preferred communication between friends and close family members is communication ....

a-synchronous b- asynchronous c-telephone

5- Synchronous communication is appropriate when the information that needs to be transmitted quickly is ....

a-Urgent b-Unimportant c-harmful

6- When the answer doesn't require a lot of thought and preparation, you should choose to call ....

a-Asynchronous b-Synchronous c-Telephone

7- Asynchronous communication can be used between ....

a-close people b-people who don't know each other's c-friends



Ministry of education Education

Exam Sample (1)

Put (√) or (X)

1 The Internet allows us to communicate synchronously communication as it does not require an immediate response. (   )

2 Facebook, wikis, and blogs are reliable sources of knowledge (   )

3 National Geographic Kids is a platform that teaches adults about specific topics (   )

4 It is common to use emails in more formal situations (   )

5 Synchronous and asynchronous communication methods do not have any advantages (   )

Choose the correct answer:

1- You can categorize Internet connection types into synchronous and. ....

a- Asynchronous   b- Secure   c- Insecure

2- To use video chat, make sure you have .... turned on

a- Camera/Microphone   b- Game Store   c- App Store.

3- The .... platform is called is called a virtual lab platform.

a- Edmodo   b- School   c- Vlappy

4- Facebook is one of the sources .... to collect data and information

a- Unreliable   b- Guaranteed   c- Reliable

5- The preferred communication between close friends and family members is communication ....



a- Synchronous b- asynchronous c- telephone

Ministry of education Education

Exam Sample (2)

Put (√) or (X)

1. You don't have to have a camera or video chat app on your device for synchronous communication ( )
2. People with speech disabilities can communicate with others using digital devices ( )
3. You have the right to publish and obtain information and entertainment materials online as long as you respect property rights. ( )
4. Digital citizenship helps to use and benefit from digital technology ( )
5. William Tyner does not use any kind of digital technology in any aspect of his work ( )

Choose the correct answer:

1- William Tyner is known as a filmmaker and expert ....

a- Weapons b- Technology c- Explosives

2 Digital citizenship helps you protect your ....

a- cellular b- handheld c- digital footprint.

3- Piracy is the ……………….unauthorized circulation of content with the intention of sharing or selling it to others.

a- illegal b- decent c- ethical

4- You can use technology for education and ....

a- Harassing others b- Spying on others c- Communicating with others

5- Commonly used communication applications include .... Facebook, meeting app Skype

a- WhatsApp b- Digital Wellbeing c- Photo Editor

Ministry of education Education

Exam Sample (1) (Answers)

Put (√) or (X)

1 The Internet allows us to communicate synchronously communication as it does not require an immediate response. (√)

2 Facebook, wikis, and blogs are reliable sources of knowledge (X)

3 National Geographic Kids is a platform that teaches adults about specific topics (X)

4 It is common to use emails in more formal situations (√)

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5- The preferred communication between close friends and family members is communication ....

a- Synchronous b- asynchronous c- telephone

Ministry of education Education

Exam Sample (2) (Answers)

Put (√) or (X)

1. You don't have to have a camera or video chat app on your device for synchronous communication (X)
2. People with speech disabilities can communicate with others using digital devices (√)
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a- WhatsApp b- Digital Wellbeing c- Photo Editor

Azhar Exam Form (1)

Put (√) or (X)

1. The Internet allows us to communicate synchronously ( )
2. Facebook, wikis, and blogs are reliable sources of knowledge. ( )
3. National Geographic Kids is a platform that teaches adults about specific topics ( )
4. It is common to use emails in more formal situations ( )
5. Synchronous and asynchronous communication methods do not have any advantages ( )

Choose the correct answer:

1- You can categorize Internet connection types into synchronous and. ....

a- Asynchronous b- Secure c- Insecure

2- To use video chat, make sure you have .... turned on

a- Camera/Microphone b- Game Store c- App Store

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a- Edmodo b- School c- Vlappy

4- Facebook is one of the sources .... to collect data and information

a-Guaranteed b- Unreliable c- Reliable

5- The preferred communication between close friends and family members is communication ....

a- Synchronous b- asynchronous c- telephone

Match From (A) the suitable number From (B)

	A		B
1	Edmodo		An unreliable source of data collection
2	Emails		A common source through which children can find information on a particular topic
3	Facebook		an online learning environment in the field of education
4	Google Chrome		It is common to use . in more formal situations
5	National Geographic Kids		A chat room tool

Azhar Exam Form (2)

Put (√) or (X)

1 You don't have to have a camera or video chat app on your device for synchronous communication ( )

2 People with speech disabilities can communicate with others using digital devices ( )

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5- Commonly used communication applications include .... Facebook, meeting app Skype

a- WhatsApp b- Digital Wellbeing c- Photo Editor

Choose the correct answers using the words between brackets

((Synchronized communication - Email - Camera - Interactive map designer - Edmodo))

1.Anyone can see you if you turn on .... during a video chat.

2.You can send and receive messages through ....

3. .... is the exchange of information or files between two people at the same time

4.The .... platform is is an online learning environment in the field of education.

5. .... is a unique interactive feature offered by National Geographic

Azhar Exam Form (1)

Put (√) or (X)

1	The Internet allows us to communicate synchronously	(√)
2	Facebook, wikis, and blogs are reliable sources of knowledge.	(X)
3	National Geographic Kids is a platform that teaches adults about specific topics	(X)
4	It is common to use emails in more formal situations	(√)
5	Synchronous and asynchronous communication methods do not have any advantages	(X)

Choose the correct answer:

1- You can categorize Internet connection types into synchronous and. ....

a- Asynchronous b- Secure c- Insecure

2- To use video chat, make sure you have .... turned on

a- Camera/Microphone b- Game Store c- App Store

3- The .... platform is called is called a virtual lab platform

a- Edmodo b- School c- Vlappy

4- Facebook is one of the sources .... to collect data and information

a-Guaranteed b- Unreliable c- Reliable

5- The preferred communication between close friends and family members is communication ....

a- Synchronous b- asynchronous c- telephone

Match From (A) the suitable number From (B)

A		B	
1	Edmodo	3	An unreliable source of data collection
2	Emails	5	A common source through which children can find information on a particular topic
3	Facebook	1	an online learning environment in the field of education
4	Google Chrome	2	It is common to use . in more formal situations
5	National Geographic Kids	3	A chat room tool

Azhar Exam Form (2)

Put (√) or (X)

1 You don't have to have a camera or video chat app on your device for synchronous communication (X)

2 People with speech disabilities can communicate with others using digital devices (√)

3 You have the right to publish and obtain information and entertainment materials online as long as you respect property rights (√)

4 Digital citizenship helps to use and benefit from digital technology (√)

5 William Tyner does not use any kind of digital technology in any aspect of his work (X)

Choose the correct answer:

1 -William Tyner is known as a filmmaker and expert ....

a- Weapons b- Technology c- Explosives

2- Digital citizenship helps you protect your ....

a- cellular b- handheld c- digital footprint..

3- Piracy is the unauthorized ……………circulation of content with the intention of sharing or selling it to others.

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Choose the correct answers using the words between brackets

((Synchronized communication - Email - Camera - Interactive map designer - Edmodo))

1.Anyone can see you if you turn on Camera during a video chat.

2.You can send and receive messages through Email

3. Synchronized communication is the exchange of information or files between two people at the same time

4.The Edmodo platform is is an online learning environment in the field of education.

5. Interactive map designer is a unique interactive feature offered by National Geographic



Lesson 1 Explorer in action

Put (√) or (X)

1. Gautam Shah founded the Internet of Elephants organization. (   )
2. Internet of Elephant uses innovative digital tools to strengthen the relationship between people and wildlife around the world (   )
3. The use of innovative digital tools is ending the relationship between people and wildlife around the world. (   )
4. Gautam Shah has worked as an energy and resources expert. (   )
5. Gautam Shah had a negative impact on wildlife due to his interest in other fields. (   )
6. Gautam Shah has lived and worked in countries such as the United States, India, and Kenya. (   )
7. Gautam Shah's work in the field of information technology has continued until now. (   )
8. Gautam Shah's work was aimed at agriculture and industry. (   )
9. In 2014, Gautam Shah resigned from his work in the field of information technology and searched for ways to preserve wildlife using technology. (   )
10. Wildlife conservation is concerned with protecting only rare trees and plants. (   )
11. We can't integrate technology into wildlife. (   )
12. Gautam Shah believes in using technology to bring wildlife into people's daily lives. (   )
13. The Internet of Elephants team works with other animal conservation organizations around the world. (   )
14. It is not possible to design interactive online games through GPS. (   )

15 Some creatures can be interacted with using augmented reality technology ( )

16 Internet of Elephant makes great animated movies. ( )

17 Some data visualization effects allow you to interact with certain creatures. ( )

18 There is no application that allows you to see real objects virtually. ( )

19 Some digital devices and displays need to be set up to present certain information to allow things to be seen as they really are. ( )

20 The games produced by the Internet of Elephants organization are based on players following the daily life of each animal. ( )

21 Each of us can introduce a new initiative to get people interested in wildlife. ( )

22 Initiatives by charities and wildlife organizations are one of the ideas that help make the environment look better. ( )

23 Knowing how to use technology can lead to many interesting careers. ( )

24 Technology can be used in a variety of ways to obtain information about certain things. ( )

25 Technology does not provide any services to the local or global community. ( )

Choose the correct answer:

1. **Gautam Shah founded the organization ....**

   a- "Internet of Elephant". b - UNICEF. c - UNESCO

2. **Internet of Elephant uses digital tools that are ....**

   a. Outdated b. Expendable c. Innovative

3. He lived .... He worked in some countries such as the United States, India, Kenya

a. Ponce de Leon   b. Gautam Shah   c. Zewail

4. The use of innovative digital tools is leading to .... the relationship between people and wildlife around the world.

a. Termination   b. Enhancement   c. Rejection

5. Gautam Shah is interested in ....

a-Information technology   b-educational activities   c-Energy

6. Gautam Shah resigned in .... from his work in the field of information technology and searched for ways to wildlife conservation.

a. 2013   b. 2014   c. 2015

7. Wildlife conservation is concerned with protecting ....

a. trees and plants   b. extinct animals   c. animals in their habitats

8. .... can be used to bring wildlife into people's everyday lives

a. calculator   b. technology   c. telephone

9. The Internet of Elephants team is working with other organizations to…………......

a. preserve wildlife   b. make a lot of money   c. get higher positions

10. Interactive online games can be created through ....

a-Google Play   b-Google Drive   c-GPS

11- Some objects can be interacted with using ....

a- Augmented reality technology   b- Mobile phone   c- E- book

12-Designs "Internet of Elephant" ....

a-Cartoon movies b- Electronic games c- Plastic cubes

13-Some digital devices and appropriate displays must be set up in AR to provide certain information to allow ....

a. See things as they really are b. Send and receive information
c. Delete and add data

14- Players can follow the daily life of each animal through games produced by the organization ....

a-"Internet of Elephants". b. Amnesty International
c. Human Rights

15-Knowing how to use .... can lead to many interesting careers.

a-The telephone b-Technology c-The television screen

16-Technology provides great services to ....

a- society b- air and water c- outer space

17-Some cell phone games enable you to take care of ....

a- Electricity b- Plastic bags c- Wildlife



Lesson 2 Problem solving skills

Put (√) or (X)

1. We don't face any daily issues at school, work, or home. (   )
2. We can solve any issue without taking proper steps to solve it. (   )
3. You need to always think about the issue before you start solving it. (   )
4. Problems can occur when using IT tools (   )
5. It is not important to take steps to solve issues that involve technology tools. (   )
6. Problem solving in general is very difficult. (   )
7. There are some common steps you can take to make the process easier (   )
8. Hypothesis building is not a step in the problem solving process. (   )
9. A hypothesis is an attempt to answer a question with an explanation that can be tested. (   )
10. A hypothesis is a scientific guess about how things happen. (   )
11. Hypothesis testing is risky. (   )
12. If a hypothesis doesn't work, it's a big deal. (   )
13. You can't retry the hypothesis again. (   )
14. It doesn't hurt to get it wrong - we learn from our mistakes. (   )
15. Successful hypothesis testing helps build the next hypothesis. (   )
16. The issue cannot be broken down into parts as it is an integrated whole. (   )
17. You have to break it down and solve it gradually. (   )
18. A task may seem difficult, but it becomes easier if you break it down. (   )

19 Working in a group helps in solving any issue. (   )

20 It is better to work individually and avoid group work. (   )

Choose the correct answer:

1- You can solve .... by taking appropriate steps to solve it.

a. Questions b. Problem c. Exams

2- You should always think about the problem before you start ....

a. Solve it b. Publish it c. Share it

3- Steps must be taken to solve issues that involve the tools of ....

a. Writing b. Farming c. Technology

4- There are some common steps you can take to make the problem-solving process ....

a. boring b. harder c. easier

5- Building .... is one of the steps in solving a problem.

a.Home b. Hypotheses c. Companies

6-This is .... An attempt to answer a question but with an interpretation that can be tested

a - Hypothesis b – Message c - Image

7-Hypotheses are considered .... about how things happen

a. Scientific speculation b. Problem solving c. Information sharing

8-You can repeat .... to solve the problem again

a. Tools b. Trying c. Writing

9-Successful hypothesis testing helps build .... the following.

a. Hypothesis   b. Buildings   c. Tasks

10-The .... can be broken down into parts to make it easier to solve.

a. Food   b. Problem   c. Tests

11-Work helps .... helps to solve the problem.

a.Group   b. Individual   c. Private

12-The steps of scientific thinking must be followed during .... the problem.

a-make   b-solve   c-do more than

Lesson 3 Presenting information to others

Put (√) or (X)

1	Presenting information requires digital tools that help you present it better.	( )
2	Designing a billboard needs specific software that allows for design	( )
3	Microsoft 365 doesn't have any design options	( )
4	Microsoft 365 has different options such as a presentation program and a word processor	( )
5	You don't need a digital device to download Microsoft 365	( )
6	You need to make sure that your computer can handle the downloaded program	( )
7	Microsoft 365 has different options including a desktop publishing program	( )

8	It's important to leave a blank space between the edges of the label and the content	( )
9	If you add content too close to the edges, the poster will look organized and clear	( )
10	Putting a margin on pages is visually appealing	( )
11	A consistent margin helps create a well-designed poster	( )
12	It doesn't matter the font type or size when presenting a billboard	( )
13	If you choose a font size that is too small, the audience will struggle to read the information	( )
14	A large font size makes the information more clear and doesn't cause trouble in writing the information	( )
15	There is only one font you have to use while writing	( )
16	You can choose the type and size of the font you want to use without considering the audience	( )
17	Complex fonts are distracting and difficult to read	( )
18	Font colors are one of the factors that attract the audience to the poster or advertisement	( )
19	Some digital tools in various programs allow you to choose the color you want to use	( )
20	It is best to use more than three colors in one poster	( )
21	The background color is not a factor in attracting the audience	( )
22	It is not common to use images in posters or advertisements	( )
23	Images need to fit with the content you're sharing	( )
24	It is preferable to use clear, high-resolution images that are appropriate to the theme of the advertisement	( )
25	When preparing a poster, you should think about (margins, font type and size, colors, images)	( )

Choose the correct answer:

1- You can present information better when you use .... Helps to present it

a. Textbooks b. Digital tools c. Pen and paper

2- Microsoft 365 includes some design options such as ....

a. Word processor b. Delete programs c. Insert a program

3- You need .... to download Microsoft 365.

a- Phone thermostat b- Digital device c- Thermostat

4- Examples of digital devices include ...., ...

a- Calculator, clock b- Alarm clock, regular phone
c- Computer, cell phones

5- .... It is an empty space between the ends of the label and the content.

a - File b – Folder c– Margin

6- If you add content too close to the edges, the poster will look .... to the audience

a – organized b – crowded c - clear

7- Putting margins on pages is an attraction from a .... point of view

a – visual b – auditory c- intellectual

8- Having a consistent .... helps create a well-designed poster.

a - images b - margin c - video

9- The type and .... font helps in presenting information to the audience and making it easy to read.

a-Size b-Shape c-Weight

10- Font .... Distracting and difficult to read.

a - complex b - simple c – specific

11- The font .... in size shortens some of the information you share.

a - small b - large c - medium

12- If you choose the font size .... the audience will put a lot of effort into trying to read the information

a- very large b - very small c - medium

13- The color of .... is one of the factors that attract the audience to the posters.

a. Files b. Device c. Font

14- It is not preferable to use more than .... in a single poster

a - two colors b - three colors c - four colors

15- You must .... The images must be compatible with the content you share.

a - conflict b - not related c – fit

16- When setting up ....you need to think about (margins, font type and size, colors, images)

a - File b - Program c - Poster

17- You can choose colors that suit the topic, as their harmony helps to .... attention

a – Attract   b – Distract   c - Distract

18- Sometimes .... is the best choice.

a. Complexity   b. Simplicity   c. Difficulty

Lesson 4 Digital applications

Put (√) or (X)

1	Humans can positively or negatively affect the environment around them	( )
2	The first thing an explorer does is jump right in without research	( )
3	An explorer researcher needs to use multiple sources of information	( )
4	Printed materials are not a source of information	( )
5	Word allows you to change the design, add some pictures	( )
6	E-books are a good source of information	( )
7	Interviews with people who have experienced the topic at hand are not a source of informationThe most important characteristic of information is its quantity, not its source.	( )
8	There are multiple ways to evaluate information sources	( )
9	A word processor is one of the most commonly used programs for gathering information and presenting ideas in a variety of ways.	( )
10	A word processor program allows you to create a spreadsheet with columns and rows	( )

11	A word processor program determines the number of columns and rows of the spreadsheet you create	( )
12	Excel is able to automate data collection	( )
13	A spreadsheet program is an excellent way to gather information and collect your ideas	( )
14	Word is often used to write what you want	( )
15	A reliable source gives false information	( )
16	Facts that come from a reliable source can be relied upon	( )
17	A reliable source can be a person or an organization	( )
18	Facts from a questionable source can be relied upon	( )
19	A questionable source sometimes confuses their opinion with facts	( )
20	An unreliable source does not support information and facts with sources	( )
21	An unreliable source uses more facts than opinions	( )
22	You can use a spreadsheet program to collect data	( )
23	The spreadsheet program is called Excell	( )
24	A word processor can be used to present information	( )
25	Margins, font type and size, color, and images can be used to communicate information to the audience	( )
26	Digital applications enable you to easily use the information and share it with others.	( )
27	Check the reliability of information sources	( )
28	Word allows you to link your report to websites or online information	( )
29	You can't rely on more than one source of information	( )
30	One of the keys to the success of your topic is to rely on reliable sources	( )

Choose the correct answer:

1- The first thing an explorer does about the subject is ....

a- research b- direct intervention c - ignoring

2- From multiple sources of information ...., publications, interviews.

a- word processor program b- Internet c - digital processor program

3- Books, articles, newspapers are among the sources of information attributed to ....

a. Interviews b. Internet c. Printed materials

4- .... The people who studied the topic are a source of information.

a - Assault on b - Collaboration with c - Interview

5- The Egyptian Knowledge Bank is a source ....

a - printed b - through the Internet c - a source of national income

6- "How new is the information?" This phrase is a way of evaluating ....

a - the source of the information b - the material value of the subsidy
c - the tests

7- Word, Excel is one of the most ....

a. Used b. Harmful c. Weak

8- A word processor enables you to link your report to .... websites or online information.

a. Harmful b. Electronic c. Unreliable

9- The program .... is used for writing and changing the layout through it

a. Excel b. Word c. Access

10 - The source gives .... error information.

a.Reliable b. Unreliable c. Questionable

11. Microsoft word allows you to work in groups if you have ....

a. Internet connection b. People connection c. TV connection

12. .... Wizard program to edit and modify documents.

a. Digital data b. Words c. Pictures

13- Sources are categorized in terms of their reliability into reliable source, questionable source, ...

a. Unreliable source b. Printed source c. Electronic source

14- A source .... gives real information.

a - unreliable source b - reliable source c - questionable source

15- Reliable sources give information through .... or organizations .

a. Trusted individuals b. Any individual c. Television

16- The source .... Gives facts that are questionable.

a.Unreliable source b. Reliable source c. Questionable source

17. An unreliable source of information uses more than ....

a. Facts b. Information c. Data

18. Unreliable sources issue information from a person or organization that does not .... what they share with sources

a. Supports b. Writes c. Sends

19. .... can be used to collect data from the sources you need.

a. Video games b. Device settings c. Spreadsheet software

20- You can evaluate a source by asking the question "............"

a. Does the source present opinions or facts?

b. Is the source well organized?

c.Is the information electronic or printed?

Lesson 5 Algorithms

Put (√) or (X)

1. You can use a search engine to search for information online ( )
2. A search engine is a kinetic-powered device ( )
3. Every time you enter keywords into a search engine, it uses algorithms to give you results. ( )
4. Algorithms are great tools that help in obtaining search results. ( )
5. Algorithms help determine which results are most relevant to your search topic ( )
6. The search engine uses the database found in all cell phones to give you all the required results ( )
7. The database of names and information found in digital maps helps to provide you with results. ( )

8 You can define an algorithm as a chain of energy transfer from one organism to another ( )

9 A series of steps explaining how to perform a task is an algorithm ( )

10 Following the rules to prepare a meal is not an algorithm ( )

11 How to make a falafel sandwich is a type of algorithm ( )

12 Many of the tasks you perform can be described as an algorithm ( )

13 Writing your homework is not an algorithm ( )

14 Computers and their applications use algorithms just like you do in life. ( )

15 Your keyword phrasing doesn't cause an issue for the search engine ( )

16 The search engine doesn't take any action when you enter keywords until you're completely done entering ( )

17 Computers use algorithms to perform specific tasks ( )

18 You can create your own algorithm ( )

19 The search engine recognizes the letters of keywords, but cannot distinguish between cursive and non-concrete letters ( )

20 The search engine checks whether the keywords are true or false ( )

21 If the keywords are spelled correctly, the search engine does nothing, while if they are incorrect, the search engine indicates a possible misspelling ( )

22 The search engine does not show the letters of the keywords until they are finalized ( )

23 The search engine repeats the process until the word is finished ( )

24 The cell phone follows the instructions, which run in a series of algorithms that it applies as required. ( )

25 Missing a step or adding incorrect information does not affect the algorithm ( )

Choose the correct answer:

1- You can use .... to search for information online

a. Categorization b. Search engine c. Addition

2- While searching, the engine uses .... to give you results.

a. Algorithms b. Multiplication table c. Numbers

3- Algorithms are .... They help in getting search results.

a - tools b - a program c - a series of steps

4- Algorithms help determine which results are the most .... to the topic of your search

a. Relevance b. Dimension c. Complexity

5- The database of names and information in .... to provide you with results

a. Curriculum maps b. Social studies maps c. Electronic maps

6- .... is a series of steps that explains how to perform a task.

a .Algorithm b. Task c. Goals

7- Room cleaning is a type of ....

a. Rejected values b. Algorithms c. Fatigue

8- The search engine takes steps to provide results when you enter ....

a. Device owner data b. Keywords c. Certain numbers

9- The engine's algorithm won't be accurate if your wording isn't ....

a. Large b. Fast c. Accurate

10. You can .... your own algorithm.

a. create b. cut c. paste

11- Computers and applications need .... to work.

a. Electrical wires b. Internet c. Algorithms

12- The .... program recognizes the letters and words you are searching for.

a- Digital data processor b- Word processor c- Power Point

13- The tablet follows some steps to apply certain tasks, and these steps are called ....

a.Stages b. Algorithm c. Roles

14. The absence of one of .... affects the algorithm

a. Steps b. Programs c. Applications

15. .... helps in understanding the processes that a browser performs while searching on the Internet

a. E-books b. Algorithms c. Videos

Lesson 6 The principles of coding

Put (√) or (X)

1 Creating video games and animations through coding ( )

2 Programming is the creation of a complete program using algorithms. ( )

3 Video games and animation can be created without the need for coding ( )

4	The word "Coding" means the use of code.	( )
5	Computers don't have their own language like humans do	( )
6	There are many websites, including Code.org. that help you learn to code	( )
7	Python is one of the programming languages used by computers.	( )
8	You can create a maze with instructions to solve it using a programming language	( )
9	Creating a maze is not an example of what can be done with coding.	( )
10	Coding is an example of applying a problem-solving strategy	( )

Choose the correct answer:

1-............. is writing multiple algorithms to create a complete program.

a. Word b. Excel c. Programming

2- The word .... means The use of code

a - "Coding" b - Word c - Access

3- To create video games and animations, it is necessary to use ....

a- Various files b- Programming c - Device settings

4- The computer has its own languages, including ....

a - Programming language b - Decimal language c - English

5- Code.org is one of the sites that help you learn ....

a - Coding b. Writing c. Coloring

6- Making a maze is an example of what can be presented and created using ....

a - Microsoft programs b- Programming c - Cork

7- When making a maze, the steps should include several distances and .... that need to be traversed.

a - directions b – points c - obstacles

8- Programming can be used in .... about your chosen topic.

a - Drawing diagrams b- Presentation c - Data visualization

9- .... (flowchart) is similar to programming in that it presents an issue in logical and simple steps.

a- Excel b- Flowchart c- Power point

10- A flowchart can be created to solve .... what

a. Problem b. Question c. Test

11- The program is called .... Word

a. Digital information processor b. Painter c. Word processor

12. .... program is called Power point

a. Presentations b. Movie Maker c. Play Store

13- You can create a movie from a set of still images using ....

a. Movie Maker b. Power point c. Microsoft word

14- Not all images belong to everyone, but there are .... rights

a . Copy b. Broadcasting c. Inheritance



Lesson 7 Graphic art

Put (√) or (X)

1	It can be difficult to create your own drawings or edit photos on a computer	( )
2	(Microsoft Paint is a popular program for creating drawings or editing photos.	( )
3	To open Microsoft Paint, click on Settings and then Start	( )
4	There is no icon for the Paint program	( )
5	The menu bar is located at the top of the Paint program	( )
6	The toolbox is located in the Paint program only	( )
7	The menu bar includes options for opening and saving files	( )
8	Colors and images can be edited through the menu bar in Paint	( )
9	The toolbox has no role in the Paint program	( )
10	The toolbox contains (ellipse, airbrush, straight line) and others	( )
11	You can fill in colors from Paint	( )
12	You can't select specific parts of an image	( )
13	You can cut an image and use it in your drawing	( )
14	Paint lets you add text to an image	( )
15	You can't change the size or orientation of images in Paint	( )
16	To add text to an image, you can click on its lower right edge and drag it until it forms a white space that can be written on	( )
17	You can only use graphics tools in the Paint program	( )
18	The word processor provides graphic tools that you can use to design some elements	( )

19	You can click on the Insert tab in the menu bar to familiarize yourself with some different options including shapes and icons	( )
20	You can use the tools you want while designing an image through the Paint program	( )

Choose the correct answer:

You can edit an image through a program ....

a. Movie Maker **b. Power point** **c. Microsoft Paint**

2- To open the Microsoft Paint file, click on the Accessories folder in ....

a - Start Menu **b - Device Settings** **c - Word Processor Program**

3- The menu bar is located in the .... pane for the Paint program

a – Top **b – Middle** **c - Bottom**

4- Some Paint tools are located in ....

a - Toy box **b - Tool box** **c - Power box**

5- .... contains : The oval, the airbrush, the straight line.

a - description box **b - storyboard** **c – toolbox**

6- Colors and images can be edited through .... In the Paint program.

a - Menu bar **b – Toolbox** **c - Device settings**

7- You can fill colors from ....

a - Excel **b - Access** **c - Paint**

8- You can change the size or .... Paint program .

a - Type **b – Orientation** **c - content**

9- You can use graphic tools in the .... program

a - Painter   b - Word   c - Excel

10- You can click on the Insert tab in the menu bar to familiarize yourself with some different options, including shapes, icons.

a - Insert   b- Design   c - Correspondence

Lesson 8 Creating a PowerPoint presentation

Put (√) or (X)

1	The presentation program can be used to create a presentation	( )
2	Microsoft Power Point includes text, animations, images, and special effects	( )
3	You can't create your story directly from a website builder	( )
4	To create a new page for a Microsoft PowerPoint presentation, click on the Blank presentation icon	( )
5	The menu bar is located at the bottom of the Microsoft Power Point program	( )
6	The tabs include tools you can use to create your presentation	( )
7	There is no slide instructing you to click to type a title	( )
8	You can add a main title and subtitle to your presentation	( )
9	Microsoft PowerPoint lets you put your name in the customized part of the subtitle	( )
10	The text box doesn't allow you to type information into it	( )
11	A slide is a presentation page that contains your text and images	( )
12	There is a thumbnail image for each slide you create	( )

13 The thumbnail of the slide you created is located on the right side of the screen ( )
14 The purpose of the thumbnail is to preview the slide ( )
15 To add a new slide to your presentation, tap New Slide ( )
16 You can't choose a new design for each slide, but you can choose a design for the entire presentation ( )
17 You can choose a slide design from the program's main menu ( )
18 Microsoft PowerPoint enables you to add text to your presentation slides ( )
19 Design, graphics, transitions, and motion effects are some of the effects that make your presentation stand out. ( )
20 The slideshow has no time limit ( )
21 You can watch the presentation by pressing F5 ( )
22 The presentation program does not allow you to insert images from another program ( )
23 Consider avoiding long paragraphs or sentences when designing your presentation ( )
24 Font type and size don't matter when designing a presentation ( )
25 A presentation program may be better than a word processor or a digital processor ( )

Choose the correct answer:

1- Microsoft Power Point is a program with which you can create ....

a. Presentation b. Text messages c. Pictures

2- Text, effects, animation and images are found within the program ....

a. Microsoft Paint b. Word c. Power point

3- You can create your story directly through ....

a. Website building program b. Photo album c. File collection

4- To create a new page for a presentation, click on the icon ....

a - Blank presentation b - New file c - Base 10

5-Tabs are located in the .... ribbon

a - Menus b - Tasks c – Scroll

6- The menu bar is located in the .... pane of the slide.

a – Center b – Bottom c - Top

7- The slide includes a headline and a title ....

a – sub b – side c - main

8- In a presentation, ... contains text, images and other effects

a - slide b - image c – words

9-The slide thumbnail is located in the presentation at .... of the screen .

a - left b – right c - center

10- By clicking on New Slide, you can .... slide

a – Delete b – Modify c - Add

11- You can add text to your presentation slides through a program ....

a - Microsoft PowerPoint b - Movie Maker c - Word

12- One of the effects of motion that highlights the presentation is ...., transitions.

a - many colors b – movement c- length of the presentation

13- You can watch the presentation by directly pressing

a - F5 b - F3 c - F8

14- When designing a presentation, avoid paragraphs ....

a - short b – long c – clear

15-It is preferable to use relevant images instead of ....

a - Videos b - Text c - Audio

16- You can customize your slide show by clicking on ....

a - Slide show b – Draw c - Design

17- When you move from one slide to another, you can choose visual effects by clicking on

a - Slide show b - Transitions c - Design

18- When designing your presentation, make sure that the font type and size are ....

a. Unclear b. Clear c. Inappropriate

19- The tab includes .... Background colors option.

a. Design b. Slideshow c. Drawing



Lesson 1 Explorer in action

Put (√) or (X)

1. Gautam Shah founded the Internet of Elephants organization. (√)
2. Internet of Elephant uses innovative digital tools to strengthen the relationship between people and wildlife around the world (√)
3. The use of innovative digital tools is ending the relationship between people and wildlife around the world. (X)
4. Gautam Shah has worked as an energy and resources expert. (X)
5. Gautam Shah had a negative impact on wildlife due to his interest in other fields. (X)
6. Gautam Shah has lived and worked in countries such as the United States, India, and Kenya. (√)
7. Gautam Shah's work in the field of information technology has continued until now. (√)
8. Gautam Shah's work was aimed at agriculture and industry. (X)
9. In 2014, Gautam Shah resigned from his work in the field of information technology and searched for ways to preserve wildlife using technology. (√)
10. Wildlife conservation is concerned with protecting only rare trees and plants. (X)
11. We can't integrate technology into wildlife. (X)
12. Gautam Shah believes in using technology to bring wildlife into people's daily lives. (√)
13. The Internet of Elephants team works with other animal conservation organizations around the world. (√)
14. It is not possible to design interactive online games through GPS. (X)

15 Some creatures can be interacted with using augmented reality technology (√)

16 Internet of Elephant makes great animated movies. (X)

17 Some data visualization effects allow you to interact with certain creatures. (√)

18 There is no application that allows you to see real objects virtually. (X)

19 Some digital devices and displays need to be set up to present certain information to allow things to be seen as they really are. (√)

20 The games produced by the Internet of Elephants organization are based on players following the daily life of each animal. (√)

21 Each of us can introduce a new initiative to get people interested in wildlife. (√)

22 Initiatives by charities and wildlife organizations are one of the ideas that help make the environment look better. (√)

23 Knowing how to use technology can lead to many interesting careers. (√)

24 Technology can be used in a variety of ways to obtain information about certain things. (√)

25 Technology does not provide any services to the local or global community. (X)

Choose the correct answer:

1. **Gautam Shah founded the organization ....**

   a- "Internet of Elephant". b - UNICEF. c - UNESCO

2. **Internet of Elephant uses digital tools that are ....**

   a. Outdated b. Expendable c. Innovative

3. He lived .... He worked in some countries such as the United States, India, Kenya

a. Ponce de Leon b. Gautam Shah c. Zewail

4. The use of innovative digital tools is leading to .... the relationship between people and wildlife around the world.

a. Termination b. Enhancement c. Rejection

5. Gautam Shah is interested in ....

a-Information technology b-educational activities c-Energy

6. Gautam Shah resigned in .... from his work in the field of information technology and searched for ways to wildlife conservation.

a. 2013 b. 2014 c. 2015

7. Wildlife conservation is concerned with protecting ....

a. trees and plants b. extinct animals c. animals in their habitats

8. .... can be used to bring wildlife into people's everyday lives

a. calculator b. technology c. telephone

9. The Internet of Elephants team is working with other organizations to……………....

a. preserve wildlife b. make a lot of money c. get higher positions

10. Interactive online games can be created through ....

a-Google Play b-Google Drive c-GPS

11- Some objects can be interacted with using ....

a- Augmented reality technology b- Mobile phone c- E- book

12-Designs "Internet of Elephant" ....

a-Cartoon movies b- Electronic games c- Plastic cubes

13-Some digital devices and appropriate displays must be set up in AR to provide certain information to allow ....

a. See things as they really are b. Send and receive information
c. Delete and add data

14- Players can follow the daily life of each animal through games produced by the organization ....

a-"Internet of Elephants". b. Amnesty International
c. Human Rights

15-Knowing how to use .... can lead to many interesting careers.

a-The telephone b-Technology c-The television screen

16-Technology provides great services to ....

a- society b- air and water c- outer space

17-Some cell phone games enable you to take care of ....

a- Electricity b- Plastic bags c- Wildlife



Lesson 2 Problem solving skills

Put (√) or (X)

1	We don't face any daily issues at school, work, or home.	(X)
2	We can solve any issue without taking proper steps to solve it.	(X)
3	You need to always think about the issue before you start solving it.	(√)
4	Problems can occur when using IT tools	(√)
5	It is not important to take steps to solve issues that involve technology tools.	(√)
6	Problem solving in general is very difficult.	(X)
7	There are some common steps you can take to make the process easier	(√)
8	Hypothesis building is not a step in the problem solving process.	(X)
9	A hypothesis is an attempt to answer a question with an explanation that can be tested.	(√)
10	A hypothesis is a scientific guess about how things happen.	(√)
11	Hypothesis testing is risky.	(√)
12	If a hypothesis doesn't work, it's a big deal.	(X)
13	You can't retry the hypothesis again.	(X)
14	It doesn't hurt to get it wrong - we learn from our mistakes.	(√)
15	Successful hypothesis testing helps build the next hypothesis.	(√)
16	The issue cannot be broken down into parts as it is an integrated whole.	(X)
17	You have to break it down and solve it gradually.	(√)
18	A task may seem difficult, but it becomes easier if you break it down.	(√)

19 Working in a group helps in solving any issue. (√)

20 It is better to work individually and avoid group work. (X)

Choose the correct answer:

1- You can solve .... by taking appropriate steps to solve it.

a. Questions b. Problem c. Exams

2- You should always think about the problem before you start ....

a. Solve it b. Publish it c. Share it

3- Steps must be taken to solve issues that involve the tools of ....

a. Writing b. Farming c. Technology

4- There are some common steps you can take to make the problem-solving process ....

a. boring b. harder c. easier

5- Building .... is one of the steps in solving a problem.

a.Home b. Hypotheses c. Companies

6-This is .... An attempt to answer a question but with an interpretation that can be tested

a - Hypothesis b – Message c - Image

7-Hypotheses are considered .... about how things happen

a. Scientific speculation b. Problem solving c. Information sharing

8-You can repeat .... to solve the problem again

a. Tools b. Trying c. Writing

9-Successful hypothesis testing helps build .... the following.

a. Hypothesis b. Buildings c. Tasks

10-The .... can be broken down into parts to make it easier to solve.

a. Food b. Problem c. Tests

11-Work helps .... helps to solve the problem.

a.Group b. Individual c. Private

12-The steps of scientific thinking must be followed during .... the problem.

a-make b-solve c-do more than

Lesson 3 Presenting information to others

Put (√) or (X)

1	Presenting information requires digital tools that help you present it better.	(√)
2	Designing a billboard needs specific software that allows for design	(√)
3	Microsoft 365 doesn't have any design options	(X)
4	Microsoft 365 has different options such as a presentation program and a word processor	(√)
5	You don't need a digital device to download Microsoft 365	(X)
6	You need to make sure that your computer can handle the downloaded program	(√)
7	Microsoft 365 has different options including a desktop publishing program	(√)

8	It's important to leave a blank space between the edges of the label and the content	(√)
9	If you add content too close to the edges, the poster will look organized and clear	(X)
10	Putting a margin on pages is visually appealing	(X)
11	A consistent margin helps create a well-designed poster	(√)
12	It doesn't matter the font type or size when presenting a billboard	(X)
13	If you choose a font size that is too small, the audience will struggle to read the information	(√)
14	A large font size makes the information more clear and doesn't cause trouble in writing the information	(X)
15	There is only one font you have to use while writing	(X)
16	You can choose the type and size of the font you want to use without considering the audience	(X)
17	Complex fonts are distracting and difficult to read	(√)
18	Font colors are one of the factors that attract the audience to the poster or advertisement	(√)
19	Some digital tools in various programs allow you to choose the color you want to use	(√)
20	It is best to use more than three colors in one poster	(X)
21	The background color is not a factor in attracting the audience	(X)
22	It is not common to use images in posters or advertisements	(X)
23	Images need to fit with the content you're sharing	(√)
24	It is preferable to use clear, high-resolution images that are appropriate to the theme of the advertisement	(√)
25	When preparing a poster, you should think about (margins, font type and size, colors, images)	(√)

Choose the correct answer:

1- You can present information better when you use .... Helps to present it

a. Textbooks **b. Digital tools** **c. Pen and paper**

2- Microsoft 365 includes some design options such as ....

a. Word processor **b. Delete programs** **c. Insert a program**

3- You need .... to download Microsoft 365.

a- Phone thermostat **b- Digital device** **c- Thermostat**

4- Examples of digital devices include ...., ...

a- Calculator, clock **b- Alarm clock, regular phone**
c- Computer, cell phones

5- .... It is an empty space between the ends of the label and the content.

a - File **b – Folder** **c– Margin**

6- If you add content too close to the edges, the poster will look .... to the audience

a – organized **b – crowded** **c - clear**

7- Putting margins on pages is an attraction from a .... point of view

a – visual **b – auditory** **c- intellectual**

8- Having a consistent .... helps create a well-designed poster.

a - images **b - margin** **c - video**

9- The type and .... font helps in presenting information to the audience and making it easy to read.

a-Size b-Shape c-Weight

10- Font .... Distracting and difficult to read.

a - complex b - simple c – specific

11- The font .... in size shortens some of the information you share.

a - small b - large c - medium

12- If you choose the font size .... the audience will put a lot of effort into trying to read the information

a- very large b - very small c - medium

13- The color of .... is one of the factors that attract the audience to the posters.

a. Files b. Device c. Font

14- It is not preferable to use more than .... in a single poster

a - two colors b - three colors c - four colors

15- You must .... The images must be compatible with the content you share.

a - conflict b - not related c – fit

16- When setting up ....you need to think about (margins, font type and size, colors, images)

a - File b - Program c - Poster

17- You can choose colors that suit the topic, as their harmony helps to .... attention

a – Attract b – Distract c - Distract

18- Sometimes .... is the best choice.

a. Complexity b. Simplicity c. Difficulty

Lesson 4 Digital applications

Put (√) or (X)

1	Humans can positively or negatively affect the environment around them	(√)
2	The first thing an explorer does is jump right in without research	(X)
3	An explorer researcher needs to use multiple sources of information	(X)
4	Printed materials are not a source of information	(X)
5	Word allows you to change the design, add some pictures	(√)
6	E-books are a good source of information	(√)
7	Interviews with people who have experienced the topic at hand are not a source of informationThe most important characteristic of information is its quantity, not its source.	(X)
8	There are multiple ways to evaluate information sources	(X)
9	A word processor is one of the most commonly used programs for gathering information and presenting ideas in a variety of ways.	(√)
10	A word processor program allows you to create a spreadsheet with columns and rows	(√)

11	A word processor program determines the number of columns and rows of the spreadsheet you create	(√)
12	Excel is able to automate data collection	(X)
13	A spreadsheet program is an excellent way to gather information and collect your ideas	(X)
14	Word is often used to write what you want	(√)
15	A reliable source gives false information	(√)
16	Facts that come from a reliable source can be relied upon	(X)
17	A reliable source can be a person or an organization	(X)
18	Facts from a questionable source can be relied upon	(√)
19	A questionable source sometimes confuses their opinion with facts	(X)
20	An unreliable source does not support information and facts with sources	(√)
21	An unreliable source uses more facts than opinions	(√)
22	You can use a spreadsheet program to collect data	(√)
23	The spreadsheet program is called Excell	(√)
24	A word processor can be used to present information	(√)
25	Margins, font type and size, color, and images can be used to communicate information to the audience	(X)
26	Digital applications enable you to easily use the information and share it with others.	(X)
27	Check the reliability of information sources	(√)
28	Word allows you to link your report to websites or online information	(√)
29	You can't rely on more than one source of information	(X)
30	One of the keys to the success of your topic is to rely on reliable sources	(√)

Choose the correct answer:

1- The first thing an explorer does about the subject is ....

a- research b- direct intervention c - ignoring

2- From multiple sources of information ...., publications, interviews.

a- word processor program b- Internet c - digital processor program

3- Books, articles, newspapers are among the sources of information attributed to ....

a. Interviews b. Internet c. Printed materials

4- .... The people who studied the topic are a source of information.

a - Assault on b - Collaboration with c - Interview

5- The Egyptian Knowledge Bank is a source ....

a - printed b - through the Internet c - a source of national income

6- "How new is the information?" This phrase is a way of evaluating ....

a - the source of the information b - the material value of the subsidy
c - the tests

7- Word, Excel is one of the most ....

a. Used b. Harmful c. Weak

8- A word processor enables you to link your report to .... websites or online information.

a. Harmful b. Electronic c. Unreliable

9- The program .... is used for writing and changing the layout through it

a. Excel b. Word c. Access

10 - The source gives .... error information.

a.Reliable b. Unreliable c. Questionable

11. Microsoft word allows you to work in groups if you have ....

a. Internet connection b. People connection c. TV connection

12. .... Wizard program to edit and modify documents.

a. Digital data b. Words c. Pictures

13- Sources are categorized in terms of their reliability into reliable source, questionable source, ...

a. Unreliable source b. Printed source c. Electronic source

14- A source .... gives real information.

a - unreliable source b - reliable source c - questionable source

15- Reliable sources give information through .... or organizations .

a. Trusted individuals b. Any individual c. Television

16- The source .... Gives facts that are questionable.

a.Unreliable source b. Reliable source c. Questionable source

17. An unreliable source of information uses more than ....

a. Facts b. Information c. Data

18. Unreliable sources issue information from a person or organization that does not .... what they share with sources

a. Supports b. Writes c. Sends

19. .... can be used to collect data from the sources you need.

a. Video games b. Device settings c. Spreadsheet software

20- You can evaluate a source by asking the question "............"

a. Does the source present opinions or facts?

b. Is the source well organized?

c.Is the information electronic or printed?

Lesson 5 Algorithms

Put (√) or (X)

1	You can use a search engine to search for information online	(√)
2	A search engine is a kinetic-powered device	(X)
3	Every time you enter keywords into a search engine, it uses algorithms to give you results.	(√)
4	Algorithms are great tools that help in obtaining search results.	(X)
5	Algorithms help determine which results are most relevant to your search topic	(√)
6	The search engine uses the database found in all cell phones to give you all the required results	(X)
7	The database of names and information found in digital maps helps to provide you with results.	(√)

8	You can define an algorithm as a chain of energy transfer from one organism to another	(X)
9	A series of steps explaining how to perform a task is an algorithm	(√)
10	Following the rules to prepare a meal is not an algorithm	(X)
11	How to make a falafel sandwich is a type of algorithm	(√)
12	Many of the tasks you perform can be described as an algorithm	(√)
13	Writing your homework is not an algorithm	(X)
14	Computers and their applications use algorithms just like you do in life.	(√)
15	Your keyword phrasing doesn't cause an issue for the search engine	(X)
16	The search engine doesn't take any action when you enter keywords until you're completely done entering	(X)
17	Computers use algorithms to perform specific tasks	(√)
18	You can create your own algorithm	(√)
19	The search engine recognizes the letters of keywords, but cannot distinguish between cursive and non-concrete letters	(X)
20	The search engine checks whether the keywords are true or false	(√)
21	If the keywords are spelled correctly, the search engine does nothing, while if they are incorrect, the search engine indicates a possible misspelling	(√)
22	The search engine does not show the letters of the keywords until they are finalized	(X)
23	The search engine repeats the process until the word is finished	(√)
24	The cell phone follows the instructions, which run in a series of algorithms that it applies as required.	(√)
25	Missing a step or adding incorrect information does not affect the algorithm	(X)

Choose the correct answer:

1- You can use .... to search for information online

a. Categorization b. Search engine c. Addition

2- While searching, the engine uses .... to give you results.

a. Algorithms b. Multiplication table c. Numbers

3- Algorithms are .... They help in getting search results.

a - tools b - a program c - a series of steps

4- Algorithms help determine which results are the most .... to the topic of your search

a. Relevance b. Dimension c. Complexity

5- The database of names and information in .... to provide you with results

a. Curriculum maps b. Social studies maps c. Electronic maps

6- .... is a series of steps that explains how to perform a task.

a .Algorithm b. Task c. Goals

7- Room cleaning is a type of ....

b. Rejected values b. Algorithms c. Fatigue

8- The search engine takes steps to provide results when you enter ....

a. Device owner data b. Keywords c. Certain numbers

9- The engine's algorithm won't be accurate if your wording isn't ....

a. Large b. Fast c. Accurate

10. You can .... your own algorithm.

a. create b. cut c. paste

11- Computers and applications need .... to work.

a. Electrical wires b. Internet c. Algorithms

12- The .... program recognizes the letters and words you are searching for.

a- Digital data processor b- Word processor c- Power Point

13- The tablet follows some steps to apply certain tasks, and these steps are called ....

a.Stages b. Algorithm c. Roles

14. The absence of one of .... affects the algorithm

a. Steps b. Programs c. Applications

15. .... helps in understanding the processes that a browser performs while searching on the Internet

a. E-books b. Algorithms c. Videos

Lesson 6 The principles of coding

Put (√) or (X)

1 Creating video games and animations through coding (√)

2 Programming is the creation of a complete program using algorithms. (√)

3 Video games and animation can be created without the need for coding (X)

4	The word "Coding" means the use of code.	(√)
5	Computers don't have their own language like humans do	(X)
6	There are many websites, including Code.org. that help you learn to code	(√)
7	Python is one of the programming languages used by computers.	(√)
8	You can create a maze with instructions to solve it using a programming language	(√)
9	Creating a maze is not an example of what can be done with coding.	(X)
10	Coding is an example of applying a problem-solving strategy	(√)

Choose the correct answer:

1-............. is writing multiple algorithms to create a complete program.

a. Word b. Excel c. Programming

2- The word .... means The use of code

a - "Coding" b - Word c - Access

3- To create video games and animations, it is necessary to use ....

a- Various files b- Programming c - Device settings

4- The computer has its own languages, including ....

a - Programming language b - Decimal language c - English

5- Code.org is one of the sites that help you learn ....

a - Coding b. Writing c. Coloring

6- Making a maze is an example of what can be presented and created using ....

a - Microsoft programs b- Programming c - Cork

7- When making a maze, the steps should include several distances and .... that need to be traversed.

a - directions b – points c - obstacles

8- Programming can be used in .... about your chosen topic.

a - Drawing diagrams b- Presentation c - Data visualization

9- .... (flowchart) is similar to programming in that it presents an issue in logical and simple steps.

a- Excel b- Flowchart c- Power point

10- A flowchart can be created to solve .... what

b. Problem b. Question c. Test

11- The program is called .... Word

a. Digital information processor b. Painter c. Word processor

12. .... program is called Power point

a. Presentations b. Movie Maker c. Play Store

13- You can create a movie from a set of still images using ....

a. Movie Maker b. Power point c. Microsoft word

14- Not all images belong to everyone, but there are .... rights

a . Copy b. Broadcasting c. Inheritance



Lesson 7 Graphic art

Put (√) or (X)

1	It can be difficult to create your own drawings or edit photos on a computer	(X)
2	(Microsoft Paint is a popular program for creating drawings or editing photos.	(√)
3	To open Microsoft Paint, click on Settings and then Start	(X)
4	There is no icon for the Paint program	(X)
5	The menu bar is located at the top of the Paint program	(√)
6	The toolbox is located in the Paint program only	(X)
7	The menu bar includes options for opening and saving files	(√)
8	Colors and images can be edited through the menu bar in Paint	(√)
9	The toolbox has no role in the Paint program	(X)
10	The toolbox contains (ellipse, airbrush, straight line) and others	(√)
11	You can fill in colors from Paint	(√)
12	You can't select specific parts of an image	(X)
13	You can cut an image and use it in your drawing	(√)
14	Paint lets you add text to an image	(√)
15	You can't change the size or orientation of images in Paint	(X)
16	To add text to an image, you can click on its lower right edge and drag it until it forms a white space that can be written on	(√)
17	You can only use graphics tools in the Paint program	(√)
18	The word processor provides graphic tools that you can use to design some elements	(√)

19 You can click on the Insert tab in the menu bar to familiarize yourself with some different options including shapes and icons (√)

20 You can use the tools you want while designing an image through the Paint program (√)

Choose the correct answer:

You can edit an image through a program ....

a. Movie Maker b. Power point c. Microsoft Paint

2- To open the Microsoft Paint file, click on the Accessories folder in ....

a - Start Menu b - Device Settings c - Word Processor Program

3- The menu bar is located in the .... pane for the Paint program

a – Top b – Middle c - Bottom

4- Some Paint tools are located in ....

a - Toy box b - Tool box c - Power box

5- .... contains : The oval, the airbrush, the straight line.

a - description box b - storyboard c – toolbox

6- Colors and images can be edited through .... In the Paint program.

a - Menu bar b – Toolbox c - Device settings

7- You can fill colors from ....

a - Excel b - Access c - Paint

8- You can change the size or .... Paint program .

a - Type b – Orientation c - content

9- You can use graphic tools in the .... program

a - Painter   b - Word   c - Excel

10- You can click on the Insert tab in the menu bar to familiarize yourself with some different options, including shapes, icons.

a - Insert   b- Design   c - Correspondence

Lesson 8 Creating a Power point presentation

Put (√) or (X)

1	The presentation program can be used to create a presentation	(√)
2	Microsoft Power Point includes text, animations, images, and special effects	(√)
3	You can't create your story directly from a website builder	(X)
4	To create a new page for a Microsoft PowerPoint presentation, click on the Blank presentation icon	(√)
5	The menu bar is located at the bottom of the Microsoft Power Point program	(X)
6	The tabs include tools you can use to create your presentation	(√)
7	There is no slide instructing you to click to type a title	(X)
8	You can add a main title and subtitle to your presentation	(√)
9	Microsoft PowerPoint lets you put your name in the customized part of the subtitle	(√)
10	The text box doesn't allow you to type information into it	(X)
11	A slide is a presentation page that contains your text and images	(√)
12	There is a thumbnail image for each slide you create	(√)

13	The thumbnail of the slide you created is located on the right side of the screen	(X)
14	The purpose of the thumbnail is to preview the slide	(√)
15	To add a new slide to your presentation, tap New Slide	(√)
16	You can't choose a new design for each slide, but you can choose a design for the entire presentation	(X)
17	You can choose a slide design from the program's main menu	(√)
18	Microsoft PowerPoint enables you to add text to your presentation slides	(√)
19	Design, graphics, transitions, and motion effects are some of the effects that make your presentation stand out.	(√)
20	The slideshow has no time limit	(X)
21	You can watch the presentation by pressing F5	(X)
22	The presentation program does not allow you to insert images from another program	(√)
23	Consider avoiding long paragraphs or sentences when designing your presentation	(√)
24	Font type and size don't matter when designing a presentation	(X)
25	A presentation program may be better than a word processor or a digital processor	(√)

Choose the correct answer:

1- Microsoft Power Point is a program with which you can create ....

a. <u>Presentation</u> b. Text messages c. Pictures

2- Text, effects, animation and images are found within the program ....

a. Microsoft Paint b. Word c. <u>Power point</u>

3- You can create your story directly through ....

a. Website building program b. Photo album c. File collection

4- To create a new page for a presentation, click on the icon ....

a - Blank presentation b - New file c - Base 10

5- Tabs are located in the .... ribbon

a - Menus b - Tasks c – Scroll

6- The menu bar is located in the .... pane of the slide.

a – Center b – Bottom c - Top

7- The slide includes a headline and a title ....

a – sub b – side c - main

8- In a presentation, ... contains text, images and other effects

a - slide b - image c – words

9-The slide thumbnail is located in the presentation at .... of the screen .

a - left b – right c - center

10- By clicking on New Slide, you can .... slide

a – Delete b – Modify c - Add

11- You can add text to your presentation slides through a program ....

a - Microsoft PowerPoint b - Movie Maker c - Word

12- One of the effects of motion that highlights the presentation is ...., transitions.

a - many colors b – movement c- length of the presentation

13- You can watch the presentation by directly pressing

a - F5 b - F3 c - F8

14- When designing a presentation, avoid paragraphs ....

a - short b – long c – clear

15-It is preferable to use relevant images instead of ....

a - Videos b - Text c - Audio

16- You can customize your slide show by clicking on ....

a - Slide show b – Draw c - Design

17- When you move from one slide to another, you can choose visual effects by clicking on

a - Slide show b - Transitions c - Design

18- When designing your presentation, make sure that the font type and size are ....

a. Unclear b. Clear c. Inappropriate

19- The tab includes .... Background colors option.

a. Design b. Slideshow c. Drawing



Ministry of education Education
Exam Sample (1)

Put (√) or (X)

1. The Internet of Elephants uses innovative digital tools to strengthen the relationship between people and wildlife around the world ( )
2. A word processor is one of the most commonly used programs to gather information and present ideas in a variety of ways ( )
3. A series of steps explaining how to perform a task is an algorithm. ( )
4. The word "Coding" means the use of software code ( )
5. Microsoft Paint is a popular program for creating drawings or editing images ( )

Choose the correct answer:

1-You can solve .... by taking appropriate steps to solve it.

A. Questions B. Problem C. Exams

2- Text, effects, animation, and images are found in ....

A. Microsoft Paint B. Word C. Power point

3- The computer has its own languages, including ....

A - Programming language B - Decimal language C - English

4- It helps.............. In understanding the processes that the browser performs while searching on the Internet

A. E-books B. Algorithms C. Videos

5- The source .... Gives questionable facts

A - Unreliable source B - Reliable source C - Questionable source



Ministry of education Education

Exam Sample (2)

Put (√) or (X)

1. A hypothesis is an attempt to answer a question but with an explanation that can be tested ( )
2. People with speech disabilities can communicate with others using digital devices. ( )
3. Excel is able to collect data automatically ( )
4. A series of steps explaining how to perform a task is an algorithm ( )
5. A reliable source gives false information ( )

Choose the correct answer:

Gautam Shah is interested in ....

A- Information technology B- Educational activities C- Energy

2- Need .... To download Microsoft 365

A- Phone temperature B- Digital device C- Thermostat.

3- The menu bar is located in the .... section of the slide

A - Middle B - Bottom C - Top

4- You can fill in the colors from ....

A – Excel B – Access C - Painter

5- Creating a maze is an example of what can be presented and created using ....

A- Microsoft programs B- Programming C- Cork





Ministry of education Education
Exam Sample (1) Answers

Put (√) or (X)

1 The Internet of Elephants uses innovative digital tools to strengthen the relationship between people and wildlife around the world (√)

2 A word processor is one of the most commonly used programs to gather information and present ideas in a variety of ways (X)

3 A series of steps explaining how to perform a task is an algorithm. (√)

4 The word "Coding" means the use of software code (√)

5 Microsoft Paint is a popular program for creating drawings or editing images (√)

Choose the correct answer:

1-You can solve .... by taking appropriate steps to solve it.

A. Questions B. Problem C. Exams

2- Text, effects, animation, and images are found in ....

A. Microsoft Paint B. Word C. Power point

3- The computer has its own languages, including ....

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4- It helps.............. In understanding the processes that the browser performs while searching on the Internet

A. E-books B. Algorithms C. Videos

5- The source .... Gives questionable facts

A - Unreliable source B - Reliable source C - Questionable source





Ministry of education Education

Exam Sample (2) Answers

Put (√) or (X)

1. A hypothesis is an attempt to answer a question but with an explanation that can be tested (√)
2. People with speech disabilities can communicate with others using digital devices. (√)
3. Excel is able to collect data automatically (√)
4. A series of steps explaining how to perform a task is an algorithm (√)
5. A reliable source gives false information (X)

Choose the correct answer:

Gautam Shah is interested in ....

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2- Need .... To download Microsoft 365

A- Phone temperature B- Digital device C- Thermostat.

3- The menu bar is located in the .... section of the slide

A - Middle B - Bottom C - Top

4- You can fill in the colors from ....

A – Excel B – Access C - Painter

5- Creating a maze is an example of what can be presented and created using ....

A- Microsoft programs B- Programming C- Cork





Azhar Exam Form (1)

Put (√) or (X)

1. The Internet of Elephants uses innovative digital tools to strengthen the relationship between people and wildlife around the world ( )
2. A word processor is one of the most commonly used programs to gather information and present ideas in a variety of ways ( )
3. A series of steps explaining how to perform a task is an algorithm. ( )
4. The word "Coding" means the use of software code ( )
5. Microsoft Paint is a popular program for creating drawings or editing images ( )

Choose the correct answer:

1-You can solve .... by taking appropriate steps to solve it.

A. Questions B. Problem C. Exams

2- Text, effects, animation, and images are found in ....

A. Microsoft Paint B. Word C. Power point

3- The computer has its own languages, including ....

A - Programming language B - Decimal language C - English

4- It helps.............. In understanding the processes that the browser performs while searching on the Internet

A. E-books B. Algorithms C. Videos

5- The source .... Gives questionable facts

A - Unreliable source B - Reliable source C - Questionable source

Match From (A) the suitable number From (B)

A		B	
1	Search engine		Gives real information.
2	Reliable sources		It is used to search for information online
3	"Coding		presents an issue in logical and simple steps.
4	Google Chrome		It means the use of code.
5	Flowchart		It allows you to use graphic tools



Azhar Exam Form (2)

Put (√) or (X)

1 A hypothesis is an attempt to answer a question but with an explanation that can be tested ( )

2 People with speech disabilities can communicate with others using digital devices. ( )

3 Excel is able to collect data automatically ( )

4 A series of steps explaining how to perform a task is an algorithm ( )

5 A reliable source gives false information ( )

Choose the correct answer:

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4- You can fill in the colors from ....

A – Excel B – Access C - Painter

5- Creating a maze is an example of what can be presented and created using ....

A- Microsoft programs B- Programming C- Cork

Choose the correct answers using the words between brackets

((Microsoft Paint – Hypotheses – Margin – Search – Movie Maker))

1.You can edit an image through the .... program

2.You can create a movie from a still image using ....

3.Building .... is one of the steps in solving the issue

4. .... is an empty space between the edges of the label and the content.

5.The first thing an explorer does about a topic is ....



Azhar Exam Form (1) Answers

Put (√) or (X)

1. The Internet of Elephants uses innovative digital tools to strengthen the relationship between people and wildlife around the world (√)
2. A word processor is one of the most commonly used programs to gather information and present ideas in a variety of ways (X)
3. A series of steps explaining how to perform a task is an algorithm. (√)
4. The word "Coding" means the use of software code (√)
5. Microsoft Paint is a popular program for creating drawings or editing images (√)

Choose the correct answer:

1-You can solve .... by taking appropriate steps to solve it.

A. Questions B. <u>Problem</u> C. Exams

2- Text, effects, animation, and images are found in ....

A. Microsoft Paint B. Word C. <u>Power point</u>

3- The computer has its own languages, including ....

A - <u>Programming language</u> B - Decimal language C - English

4- It helps.............. In understanding the processes that the browser performs while searching on the Internet

A. E-books B. <u>Algorithms</u> C. Videos

5- The source .... Gives questionable facts

A - <u>Unreliable source</u> B - Reliable source C - Questionable source

Match From (A) the suitable number From (B)

A		B	
1	Search engine	2	Gives real information.
2	Reliable sources	1	It is used to search for information online
3	"Coding	5	presents an issue in logical and simple steps.
4	Google Chrome	3	It means the use of code.
5	Flowchart	4	It allows you to use graphic tools



Azhar Exam Form (2) Answers

Put (√) or (X)

1. A hypothesis is an attempt to answer a question but with an explanation that can be tested (√)
2. People with speech disabilities can communicate with others using digital devices. (√)
3. Excel is able to collect data automatically (√)
4. A series of steps explaining how to perform a task is an algorithm (√)
5. A reliable source gives false information (X)

Choose the correct answer:

Gautam Shah is interested in ....

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5- Creating a maze is an example of what can be presented and created using ....

A- Microsoft programs B- Programming C- Cork

Choose the correct answers using the words between brackets

((Microsoft Paint – Hypotheses – Margin – Search – Movie Maker))

1. You can edit an image through the Microsoft Paint program
2. You can create a movie from a still image using Movie Maker
3. Building Hypotheses is one of the steps in solving the issue
4. Margin is an empty space between the edges of the label and the content.
5. The first thing an explorer does about a topic is Search